

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

PLANTING GUIDE

Season 1930

ROSES TREES SHRUBS

Every thing for Farm & Garden

Supplementary to our "ILLUSTRATED
SEED ALBUM." Promptly mailed free
upon application.



OUR Special Rose OFFER 6 FOR \$2.90

Wonderful
Everblooming Roses
Featuring the finest
"Half Dozen" free flow-
ering California Garden
Roses

Everyone is an outstanding leader in its color and will grow to perfection without extra efforts in your garden.

We anticipate a heavy demand for this wonderful set. Order early to insure delivery.

GOLDEN EMBLEM—The finest bright golden yellow known. Glossy, healthy foliage.....75c each

HADLEY—Very fragrant, deep, velvety red rose. Beautiful buds on long stems.....50c each

OPHELIA—Wonderful pointed buds of salmon pink. Clean, vigorous grower. Always in bloom.....50c each

MADAME EDWARD HERRIOT—The famous Daily Mail rose. Long buds of coral red shaded copper.....50c each

MRS. AARON WARD—Long buds of Indian yellow, suffused salmon rose. Healthy and vigorous.....50c each

GENERAL McARTHUR—The most popular sweet-scented bright red rose. Always in bloom.....50c each

SPECIAL **OUR SPECIAL** **\$2.90 Postpaid**
 ROSE OFFER
 6 For \$2.90

California Seed & Plant Co.

148-149 Market St. San Francisco Cal.

PHONE DAVENPORT 0635

Clear, Concise Garden Information

is often as necessary and desirable as the purchase.

Through years of experience we are in a position to offer you expert general gardening advice without cost.

**May We Have the Pleasure of
Serving You?**

Send For Our Seed Book

This Special Garden Guide is supplementary to our "Illustrated Flower and Vegetable Seed Album," a very comprehensive, instructive and beautiful book containing the finest standard and up-to-the-moment varieties of seeds selected from the most celebrated sources of supply in the world. We shall be very pleased to forward your "Illustrated Album" upon inquiry.

Mail Orders Invited

Safe Arrival Guaranteed—We hold ourselves responsible for the safe arrival of all goods in first-class condition. In this way you are protected against loss. Security and satisfaction results to our mail order customers. Any error of ours will be cheerfully rectified and adjusted to your satisfaction. Customers will please remember that when our busy season commences we are rushed with orders and it may be a few days before their orders receive attention, but you may rest assured there will be no unnecessary delay in shipping.

Making Out An Order—Please be sure to write your full name and address plainly, showing your express office when necessary, if it is different from your postoffice.

How to Remit—Make all remittances payable to the California Seed and Plant Co. by any of the following methods: Bank Drafts, Postoffice or Express Money Orders or Personal Check. Small orders may be remitted in stamps if desirable.

Terms—Unless other arrangements have been made, cash should be included with orders. Our prices are especially low and attractive for the quality of merchandise offered and therefore will not permit us to carry accounts.

C. O. D. Orders—We do not send any orders "Collect on Delivery" outside of San Francisco.

Delivery Costs—All items marked "Postpaid" are delivered free within the Fourth Zone (approx. 400 miles). We prepay charges on Roses, Small Plants, Vegetable-Flower-Grass Seeds, Bulbs, Berries and Small Fruits. Exceptions noted. Larger Shrubbery or Plants and Garden Requirements go forward by express, delivery charges collect, except where otherwise stated.

REFERENCE INDEX

	Page
STAR Garden SPECIALS	Inside Back Cover
Free Illustrated Seed Book	See this page
How to Order by Mail	See this page
Berry Plants	6
Bird Supplies and Foods	24
Birds, Canaries and Others	Inside Back Cover
Climbing Vines	12
Ferns for House Culture	15
Fertilizers to Improve Your Soil	23
Fruit Trees	8, 9
Gladiolus Bulbs	Back Cover
Grape Vines	7
Hedge Shrubs and Trees	14
Plants, Annual Seedlings to Transplant	15
Plants, Permanent Perennials to Transplant	16, 17
Plants for House Culture	15
Plants for Ground Cover	10
Plants of Vegetables and Roots	7
Rose Culture	1
Roses in Variety	2, 3, 4, 5
Seeds of Flowers	18, 19
Seeds of Sweet Peas	20
Seeds of Vegetables	21
Seeds for Lawns	22
Seeds for Birds	24
Shrubs, Evergreen Ornamentals	10, 11, 12
Shrubs, Deciduous Flowering	13
Trees, Evergreen Ornamentals	14
Trees, Deciduous Flowering and Shade	13

CALIFORNIA SEED & PLANT CO.

147-149 MARKET ST. (Opposite California St.)

SAN FRANCISCO, CALIFORNIA

Phone Davenport 0635 for Quick Service or Garden Advice

CALIFORNIA ROSES

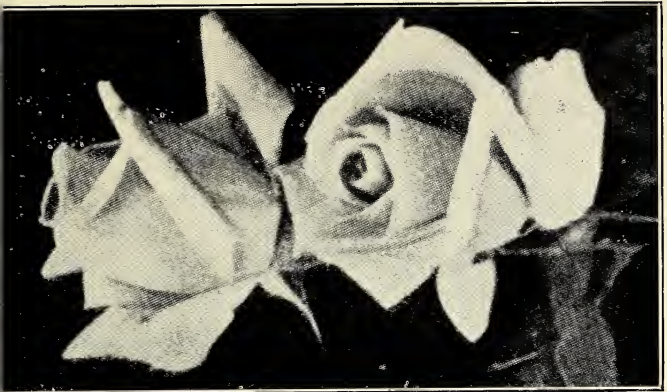
QUEEN OF FLOWERS

OUR LEADING SPECIALTY

We feature extra strong 2 year old roses grafted (budded) on a special strong growing root-stock to insure: Long Life, Healthy Growth, Flowers this Summer, and General Satisfaction. Guaranteed.

Do not confuse this fine strong stock with roses grown on their OWN ROOTS or smaller commercial grades.

BUY the BEST and HAVE the BEST RESULTS



HOW TO GROW ROSES

LOCATION OF BEDS. Roses should be planted where they will be open to sunlight for at least half of each day. In locating beds, avoid trees, shrubbery and shady sides of buildings and fences. This will lessen the danger from insects and diseases.

SOIL. Any good garden soil, which will grow good vegetables, will grow, with proper fertilization, fine Roses. The ideal soil is a clay loam of sufficient porosity to permit of ready drainage.

In such soils the growth is strong and vigorous and the flowers have great substance. But even in a light, sandy soil, roses can be made to grow well, and they flower, as a rule, earlier than in heavy soil. To improve light soils, add clay, Holland peat, or adobe, and use pulverized Sheep manure as a fertilizer.

Do not apply strong fertilizers directly to the roots, but dust it on the surface and rake in slightly after the bushes are planted.

PLANTING. Most varieties should be planted about 2½ feet apart. Both heads and roots of bare-root plants must be cut back before planting and thoroughly soaked with water afterwards. Should the roots appear to be dry on arrival, mix up some soil and water and "puddle" the roots in it for a couple of hours before planting. This closes the pores of the roots temporarily and to some extent prevents loss of sap through evaporation, a most important point. In planting, thoroughly soak the soil down before adding the last or surface soil. This insures every portion of the root being thoroughly covered and prevents cracking of the surface owing to the top soil being loosely placed. Frequent hoeing or cultivating of the surface soil is absolutely necessary to keep this loose soil or "mulch" on the surface. Especially is it necessary after watering. Plant the bushes so that the point where it is budded shall be at least three or four inches below the ground.

WATERING. Most people water their Roses too much. Once a week is often enough, and that early in the morning. Keep the soil mulched and cultivated around the bushes to prevent baking.

PRUNING. Field-grown dormant Roses should be cut back severely when first set out. Subsequent prunings should be attended to in late Winter and early Spring, when all dead and weak growth should be removed entirely and the strong, live canes shortened back to one or two feet in length, according to the growth of the previous season. It may be accepted as a general rule that weak growth should be pruned severely and strong growth sparingly. Climbing Roses should not be cut back any more than is necessary to keep the plant in a shapely appearance.

BEST TIME FOR PLANTING. No question is asked more frequently than, "When is the best time to plant Roses?" Our dormant field-grown Roses can be planted any time that the soil can be worked, between November and April. By our careful system of bailing and potting, roses can be planted at any time of year; but the safest time to plant bare root bushes is from November to April.

Customers selecting their own roses are respectfully requested to add to the orders a few supplementary varieties, lest, by previous orders, the stock of any particular variety should be exhausted.

ABBREVIATIONS: T. means Tea Roses; H. T. means Hybrid Tea; H. P., Hybrid Perpetuals; Pol. Polyantha (Baby Roses); Per. means Pernetiana; N. means Noisette.

RARE NEW EVERBLOOMING ROSES



Novelties and Recent Introductions

Each new generation crowns the Rose as the "Queen of Flowers," and a garden without Roses is rare indeed. Year after year these favorites are being improved in size, color, form and profusion of bloom.

The newer Roses have been selected with great care from the introductions of prominent specialists. We have had the opportunity of testing these newcomers, and vouch for their high quality, and while the beginner or amateur, who only wants a limited number of varieties, will find just as much pleasure in adding to his collection from the older and less expensive sorts, we fully recommend these newer sorts to the connoisseur, who already has an extensive collection, or to those who wish to keep strictly up-to-date.

DAME EDITH HELEN (H. T.)—A new glowing pink variety which holds its color with age. The flowers are large and full, of perfect form, carried on rigid, erect stems. Vigorous grower, free flowering and sweet scented. **\$1.25 each.**

REV. F. PAGE ROBERTS (H. T.)—A most beautifully shaped long bud and a full double flower of a rich orange-gold, shaded to saffron-yellow; a vigorous grower and free bloomer. Awarded Gold Medal. **\$1.00 each.**

ANGELE PERNET (H. T.)—Buds of deep flaming orange, opening to semi-double blooms of brilliant tango. A good grower and remarkably free from mildew. **\$1.25 each.**

QUEEN ALEXANDRA (H. T.)—Color intense vermilion, deeply shaded old gold on reverse of petals; a remarkable and pleasing color combination. **\$1.00 each.**

RAPTURE (H. T.)—An improved sport of Mad. Butterfly with beautiful mildew-proof foliage. Free grower. Deep salmon with bright golden suffusion. Pointed bud. Ask to see this rose at your florist's. **\$1.00 each.**

GOLDEN EMBLEM (H. T.)—A superb new rose, flowers are large and of perfect shape. In color it is a rich deep golden yellow, tinged with coppery orange. It is a perpetual bloomer, of free and branching habit with glossy green foliage. Awarded Gold Medal. **75c each.**

SOUVENIR DE CLAUDIUS PERNET—A new, clear yellow rose which has made a tremendous sensation because of its practically unfading color and excellent habit of growth. The outer petals sometimes bleach a trifle, but the flower is sunflower yellow until it drops. Bloom is of large size and perfectly formed; foliage is extraordinarily dark, glossy, and fairly resistant to disease. Growth vigorous. **75c each.**

SOUVENIR DE GEORGES PERNET (H. T.)—Brick-red buds, opening to terra-cotta pink blooms of immense size, very double and fragrant. **\$1.00 each.**

SHOT SILK (H. T.)—Its brilliant color is hard to describe; sort of an orange-cerise suffused with gold. Buds and flowers of medium size, very fragrant and produced freely. **75c each.**

HARDY EVERBLOOMING ROSES

Highest Quality



Roses of Special Merit at 75c, \$3.75 for 6

The following varieties of Roses have been selected with great care and are recommended as extra hardy vigorous sorts particularly adapted to California gardens. If your favorite sort is not listed we shall be glad to quote on inquiry.

Order early before stocks are low. Satisfaction guaranteed.

Strong 2-year old plants, 75c each; \$7.50 per dozen; prepaid within third zone, when in dormant condition. All the Roses we offer are selected stock that will bloom freely the first season.

AUSTRIAN COPPER (H. B.)—Rich coppery-red on inside of petals, yellow on outside; single.

BETTY UPRICHARD (H. T.)—The inner face of petals is a delicate salmon-pink to carmine, while the outer petals are a glowing carmine with a suffusion of orange; a glorious combination of colors. Awarded Gold Medal.

CHEERFUL (H. T.)—Flaming orange in bud turning to pink when fully developed. Growth vigorous, free flowering.

CONSTANCE (H. T.)—Lovely, long orange-yellow buds, sometimes streaked crimson. Flowers golden yellow, full and globular, free flowering.

DIADEM (H. T.)—A large, fragrant double flower of coppery-orange, with salmon and flame tints.

GOLDEN OPHELIA (H. T.)—The flower is of medium size, golden yellow in the center, paling slightly toward the outer petals; of perfect form.

HOOSIER BEAUTY (H. T.)—One of the grandest red roses of an extremely rich velvety crimson color which does not shade into maroon. A heavy bloomer of strong, upright growth.

INDEPENDENCE DAY (H. T.)—Flame tints overlying a bright apricot color, blooms carried on erect stems, exceedingly free flowering.

IRISH FIREFLAME—A beautiful single rose, bearing its flowers in clusters of five or more; buds are a rich deep orange flushed with crimson, opening to a large single flower of an old gold color.

ISOBEL—A fine new single rose, carmine-red, flushed orange-scarlet, large petals, very free flowering.

K. of K. (H. T.)—Intensest scarlet known. Semi-single with huge petals. Free and continuous bloomer. Sweet scented.

LADY PIRRIE (H. T.)—Deep coppery salmon, inside of petals apricot-yellow flushed copper.

LOUISE CATHERINE BRESLAU (H. T.)—The buds are coral-red shaded with chrome-yellow, while the expanded flowers, which are very large, are shrimp-pink shaded coppery-orange and chrome-yellow.

MRS. HENRY MORSE (H. T.)—A bright flower of two contrasting tones of pink with an underlying yellow glow.

MRS. S. K. RINDGE (H. T.)—Clear, rich chrome-yellow becoming suffused with soft pink. Buds are long and pointed.

MRS. WM. C. EGAN (H. T.)—A beautiful soft shade of light pink shading to flesh; buds are of perfect shape.

MRS. W. CHRISTIE MILLER (H. T.)—Rosy carmine, inside of petals soft pearly blush.

PADRE (H. T.)—A most novel and attractive coloring, with fine long petals of coppery scarlet flushed with yellow at the base; an exceedingly free flowering sort of strong upright growth.

ROSE MARIE (H. T.)—Beautiful long buds and well formed flowers of a clear rose-pink; very fragrant.

SENSATION (H. T.)—Large buds of scarlet-crimson opening to very double flowers.

SUNBURST (H. T.)—Yellow suffused orange at center, buds long and flowers large and fairly double.

SUNSTAR (H. T.)—An attractive yellow, every petal edged, veined and splashed with rose and vermillion. Buds are long and elegant.

WM. F. DREER (H. T.)—Soft silvery shell-pink suffused orange and golden-yellow at base.

Roses—Choice Assortment

50c Each, \$5.50 for 12, Postpaid

Strong 2-year old plants, 50c each; \$5.50 per dozen. Prepaid within third zone, when in dormant condition.

AMERICAN BEAUTY (H. P.)—Deep pink shaded toward the center with carmine-crimson. Large, fragrant.

BABY DOLL or TIP TOP—A "Baby Rose" with well shaped buds and reflexed flowers of pink and coppery yellow tipped with rose.

BLACK PRINCE (H. P.)—Dark crimson, nearly black, medium size.

CAROLINE TESTOUT (H. T.)—A splendid rose of a beautiful pink color and very full and large, blooming continuously throughout the season.

CECILE BRUNER (P.)—The well known "Baby Rose." Flowers come in clusters and bloom for a long period; color, beautiful salmon-pink, deeper toward center.

COLUMBIA (H. T.)—Rose pink, of good size and perfect form. Vigorous grower and free bloomer. Delightfully fragrant.

DUCHESSE DE BRABANT (T.)—A very fragrant rose; bright silvery pink, always in bloom. Fine hedge rose.

FRAU KARL DRUSCHKI (H. P.)—Also known as the White American Beauty. Pure snow-white.

GENERAL JACQUEMINOT (H. P.)—Bright velvety crimson, shapely buds and blooms. Very fragrant.

GENERAL MacARTHUR (H. T.)—Bright scarlet-red, large and full; buds of an ideal shape, carried on strong stalks; heavily perfumed; vigorous grower and free bloomer.

GORGEOUS (H. T.)—Orange-yellow, with reddish copper shadings. It varies from orange to rose-pink.

HADLEY (H. T.)—Excellent dark crimson variety of good shape, size and substance, sweet scented; growth free and constant.

JULIET (H. B.)—The outside petals are old gold and the interior rosy red, changing to deep rose; fragrant.

KATE MOULTON (T.)—Clear pink; the petals, which are recurved, are tipped white; buds are long.

LA FRANCE (H. T.)—Bright satin pink and rose, with reflexed petals which are silvery pink; large and double.

LADY HILLINGDON (T.)—The flowers are deep apricot yellow, beautiful in bud or when full blown, with petals of great substance. A very free bloomer.

LOS ANGELES (H. T.)—Brilliant flame-pink shading to coral and gold at the base of the petals; buds long and pointed.

MME. BUTTERFLY (H. T.)—Sport of Ophelia with all its good characteristics. Flowers are a brilliant pink suffused with apricot and gold.

MME. EDOUARD HERRIOT, the DAILY MAIL ROSE (H. T.)—The buds, which are long and pointed, are a beautiful coral-red shaded with yellow and bright rosy scarlet.

IRISH ELEGANCE—A single rose, beautiful in bud; color, apricot shading to bronze at base of petals.

MRS. AARON WARD (H. T.)—Distinct Indian-yellow shading lighter toward the edges. Very free flowering.

MRS. CHARLES RUSSELL (H. T.)—Brilliant rosy-carmine with scarlet center.

OPHELIA (H. T.)—Flowers salmon-flesh shaded with rose; large, good shape, standing up well on stiff stems; fragrant and very free flowering, free from mildew.

PAPA GONTIER (T.)—Rosy crimson with carmine center shading to pink as it opens.

PAUL NEYRON (H. P.)—Deep rose color, enormous flowers, very fragrant.

PERLE D'OR (P.)—Salmon tinted pink, flowers come in clusters, a salmon "Baby Rose."

PREMIER (H. T.)—Flowers pure rose-pink, deliciously fragrant and borne on stiff thornless stems.

RADIANCE (H. T.)—Brilliant rose pink; large and full flowers of beautiful form. Very prolific.

RED RADIANCE (H. T.)—Clear cerise-red, large, full and well formed; a fine garden variety.

RAINBOW IMPROVED (T.)—Deep pink, penciled and mottled with glowing crimson.

ULRICH BRUNER (H. P.)—Bright cherry-red, large fine form; a strong hardy grower; highly perfumed.

TREE ROSES, \$2.00 each

Tree or Standard Roses are stately, imposing subjects planted in the lawn or interspersed among other plants in the hardy border. All the following sorts are particularly fine **HARDY EVERBLOOMING** varieties. Strong, well branched trees 3½ to 4 feet high on sturdy stems. Too large to mail and must go by express.

FRAU KARL DRUSCHKI—Snow white.

GEN. MacARTHUR—Fiery red.

HOOSIER BEAUTY—Dazzling crimson scarlet.

JULIET—Old gold and rosy red.

LADY HILLINGDON—Deep orange yellow.

LOS ANGELES—Flame pink and gold.

MME. CAROLINE TESTOUT—Rose pink.

MME. ED. HERRIOT (Daily Mail)—Coral.

MRS. AARON WARD—Indian yellow.

MRS. CHAS. S. RUSSELL—Rosy carmine.

OPHELIA—Salmon pink.

PAPA GONTIER—Rosy crimson.

SUNBURST—Cadmium yellow.

ULRICH BRUNER—Cherry red.

HARDY CLIMBING ROSES



Strong 2-year old plants, 75c each; \$7.50 per dozen

BELLE OF PORTUGAL—A beautiful new climber, producing extremely large flowers of a delicate soft pink color, tinged with salmon. The long, well-shaped buds are often 3 inches and more in length. A very vigorous grower.

CLIMBING AMERICAN BEAUTY—Cerise-red flowers, medium size, double and very fragrant. Vigorous climber and free bloomer.

CLIMBING HOOSIER BEAUTY (H. T.)—Of strong vigorous habit, bearing beautiful long buds of an intense rich, dazzling crimson-scarlet.

CLIMBING LADY HILLINGDON (T.)—Apricot-yellow.

CLIMBING LOS ANGELES (H. T.)—Flame pink and gold. Sweet scented and pointed buds.

CLIMBING MME. EDOUARD HERRIOT (H. T.)—Coral red shaded with yellow and bright rosy scarlet. Vigorous climbing sort of this great favorite.

CLIMBING MRS. AARON WARD (H. T.)—A vigorous and remarkably free flowering climber; color, Indian-yellow shading lighter towards the edges.

CLIMBING OPHELIA (H. T.)—A climbing sport of the popular Ophelia. Beautiful salmon-pink, lighter at edges.

CLIMBING PAPA GONTIER (T.)—Splendid, long pointed buds which are deep rosy red.

CLIMBING ROSE MARIE (H. T.)—Beautifully formed, large fragrant deep rose pink, borne in great profusion. A wonderful climber.

CLIMBING YELLOW CECILE BRUNER (P.)—About the same as the popular Climbing Cecile Bruner but with flowers of a pleasing yellow shade. Extremely vigorous.

MARECHAL NIEL (N.)—A beautifully deep yellow rose; large globular, sweet scented; a good pillar rose.

PAUL'S SCARLET CLIMBER—The flowers are a vivid scarlet, of good size and semi-double, very freely produced in clusters on much branched canes. It is of strong climbing habit and perfectly hardy.

Strong 2-year old plants, 50c each; \$5.50 per dozen

AMERICAN PILLAR—Single flowers are borne in large clusters; color is pretty shade of rose-pink, foliage large glossy deep green.

BANKSIA WHITE—A thornless climbing rose, with glossy evergreen foliage. The flowers are small but bloom in great profusion in spring and early summer.

BANKSIA YELLOW—Deep yellow blossoms.

BEAUTY OF GLAZENWOOD (San Rafael Rose)—A vigorous fast climber, sending forth a mass of bloom in early spring, being a combination of copper, carmine and salmon-yellow.

CHEROKEE PINK—A beautiful single rose of a delicate clear pink color. A vigorous climber with glossy foliage.

CHEROKEE RED or RAMONA—Single, large, deep rosy carmine with yellow stamens.

CHEROKEE WHITE—Large single white blossoms.

CLIMBING BELLE SIEBRECHT (H. T.)—A splendid climbing rose of a brilliant pink color. The buds are long and pointed and the petals reflex in a graceful manner.

CLIMBING CAROLINE TESTOUT (H. T.)—A very quick-growing climbing rose. The blossoms are a beautiful pink color.

CLIMBING CECILE BRUNER (P.)—Climbing "Baby Rose." Beautiful salmon-pink, shading deeper toward the center.

CLIMBING GENERAL MACARTHUR (H. T.)—Brightest crimson. A true sport from the popular bush variety.

CLIMBING LA FRANCE (H. T.)—Large silvery pink flowers in great abundance.

CLIMBING WHITE COCHET (T.)—A strong, vigorous climber, creamy white; the buds are solid, long and pointed, faintly suffused pink on the outside petals.

DOROTHY PERKINS (Wich.)—Soft shell-pink, flowering profusely in large clusters.

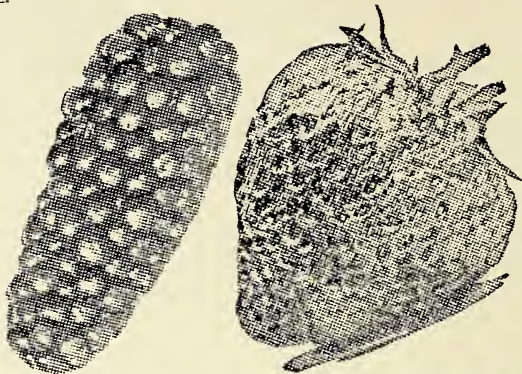
TAUSENDSCHOEN—A fast-climbing rambler; the semi-double soft pink flowers are 3 inches across and are produced in clusters of from 10 to 15 flowers.

SILVER MOON—A strong growing climbing rose with glossy, bronzy green foliage. The single pure white flowers are very large and come in clusters.

HOW TO GROW BERRIES

Blackberries, Phenomenal and Loganberries should be planted in good soil, in rows 6 to 8 feet apart, and 4 feet apart in the row. Each year after the leaves have fallen cut off the canes that fruited during the summer. Allow the new canes which have sprouted to remain for the coming season as it is the new growth that produces the choicest fruit. After the new canes have grown 5 to 6 feet, prune off the tips of each cane to force out the side branches. A good top dressing of well-rotted manure should be applied as soon as the patch is cleaned up.

Currants and Gooseberries should be planted in rows 5 to 6 feet apart and 2 to 3 feet apart in the row. Trim out the old wood as it begins to decline and shorten the young shoots in spring as may be desired in order to keep the bushes in good shape.



Mammoth Blackberry

Exact size and true type Banner

Our Famous BANNER Strawberries

(Self-Fertilizer)

12 for 35c—100 for \$2.50

DELIVERED FREE

Best, Most Uniform and Heaviest Yielding Main Crop

Strawberry for Home Gardens and Market Growers

Medium to Large Size—Rich Red Color, Sweet and Finely Flavored—A Wonderful Keeper

Our **BANNER** is never hollow. When fully ripe the distinctive flavor is suggestive of the wild berry, is crisp and delicious.

12 plants for 35c; 50 plants for \$1.30; 100 plants for \$2.50, postpaid; by express (delivery extra): 250 plants for \$5.00; 500 for \$8.00; 1000 plants for \$15.00—larger quantities upon application.

HOW TO GROW STRAWBERRIES

Strawberries thrive on any good, rich garden soil, but it should be liberally fertilized, preferably with bone meal or our "MORCROP" (commercial fertilizer). The ground should be thoroughly prepared, and the plants set one foot apart in rows not less than two feet apart. The bottom one-third of the roots should be cut off before planting, and the roots should be spread out in a natural position. Exercise care that the plant is set so that the crown of the plant is above the ground. After the plants are well established mulch the strawberry bed entirely with clean straw, to keep the fruit off the bare soil and hold the moisture.

BLACKBERRIES

HIMALYA GIANT BLACKBERRY

A late Blackberry, coming after the other berries are gone, ripening over a period of several weeks, making it especially desirable for family use. Strong 1-year-old plants, 25c each, 5 for \$1.00. Postpaid.

MAMMOTH BLACKBERRY

Named by some "The Black Loganberry"—The fruit is enormously large, some specimens measuring from 2¼ to 2½ inches long. Strong 1-year-old plants, 25c each, 5 for \$1.00.

LOGANBERRIES

partake of the flavor of both the Blackberry and the Raspberry—mild, pleasant, vinous flavor, delicious and peculiar to this berry alone. Strong 1-year-old plants, 25c each, 5 for \$1.00. Postpaid. Write for prices on tips and 1-year-old plants in quantities.

GOOSEBERRIES

Strong 1-year-old plants, each 30c, 10 for \$2.50.

CURRANTS

Strong 1-year-old plants, each 30c, 10 for \$2.50.

RASPBERRIES

Plant 18 to 24 inches apart in row 5 to 6 feet apart
CUTHBERT — Large crimson variety and very productive; bears transportation well. 15c each; \$1.00 per 10.

LA FRANCE—The Giant Everbearing Red Raspberry—Superior to any other Raspberry. Produces large juicy berries of finest aroma; very prolific; heavy bearer, absolutely hardy and free from disease; bears from June until November. 30c each; \$2.50 per 10.

RANIERE—Popular everbearing red Raspberry. Big crop of large, bright crimson berries of the finest quality in June and begins again in September and bears continuously until Christmas. 20c each; \$1.50 per 10.

YOUNGBERRY

A New Berry of Exceptional Merit



This new type of fruit was produced scientifically by crossing the loganberry with the dewberry, and it combines to a remarkable degree the most desirable qualities of all other berries. Its sweetness makes it a fine fresh table berry comparable to the strawberry. It also has the pleasant flavor of the red raspberry, the juiciness of the loganberry and the jelling and canning qualities of the blackberry. The seeds are small, and there is no acid.

One year old plants produced at the rate of 20,400—8 oz. baskets to the acre and it is estimated that two year old plants give a fifty

per cent heavier yield. The season for ripening is from the middle of May to the middle of July. No special method of culture is required, but good soil cultivation and a moderate amount of moisture will give desired results. Set the plants 5 or 6 feet apart in rows 8 feet apart, for commercial use. In the home garden the plants can be trained much higher than in the field and they can, therefore, be set closer together in the rows. Plant during January, February and March.

Large selected plants, 30c each, 10 plants \$2.50. Postpaid.

Commercial planting size, 100 for \$12.50, 1,000 for \$95.00.

Packed for express.

GRAPE VINES

European (Table and Wine Types)

All strong, well-rooted vines that should give an abundance of delicious fruit wherever planted. Vines, 30c each, postpaid; \$2.00 per 10, \$15.00 per 100, by express.

BLACK HAMBURG—Berries black, very large and oblong.

EMPEROR—Clusters large, with large, oval, rose colored berries.

MALAGA—Berries very large, oval, yellowish-green. Skin thick and fleshy.

MUSCAT OF ALEXANDRIA—Berries large, slightly oval, pale amber when ripe.

MUSCAT HAMBURG—(Black Muscat)—Dark reddish purple.

FLAME-COLORED TOKAY—Berries large, pale red, or flame-colored.

THOMPSON'S SEEDLESS—The berries are greenish-yellow in color—very firm—and entirely seedless. Very thin skin.

American (Or Slipskin Varieties)

Price, 35c each, 5 for \$1.50. Write for quantity prices.

CONCORD—Berries large, globular, almost black.

NIAGARA—Large round greenish-white berries slightly ambered in sun.

PIERCE—(Isabella Regis)—Berries very large, black with heavy light bloom.

WYOMING—Early light red Grape, enormous cropper.

Commercial Wine Grapes

Price, 25c each, 10 for \$2.00, 100 for \$10.00. Write for special quantity price. Plant 8 feet x 8 feet, or 680 to an acre.

ZINFANDEL WINE—Berries round, dark purple; the most extensively planted grape in California for making claret.

PETITE SYRAH—One of the best claret grapes.

ALICANTHE BOUCHE and other varieties upon application.

Vegetable Plants and Roots

ARTICHOKE PLANTS—January to May. Improved French Green Globe. Price, 15c each, 6 for 75c. Postpaid.

ASPARAGUS ROOTS—Strong plants. January to April. Dozen, 35c. By express, per 100, \$2.50. By mail, 12 for 45c, 50 for \$1.50. Postpaid.

CABBAGE PLANTS—All year round. Dozen, 15c; 100, 85c; 1,000, \$6.00. By mail, dozen, 20c; 100 for 95c; 1,000 for \$6.25. Postpaid.

CALIFLOWER PLANTS—All year round. Dozen, 15c; 100, 85c; 1,000, \$6.00. By mail, dozen, 20c, 100 for 95c, 1,000 for \$6.25. Postpaid.

CELERY PLANTS—March to July. Dozen, 25c; 100, \$1.75. By mail, dozen, 30c, 100 for \$1.85. Postpaid.

EGG PLANT—April to June. Dozen, 35c. By mail, dozen, 40c.

HORSE RADISH ROOTS—January to May. Dozen, 50c. By mail, dozen, 55c. Postpaid.

HERBS—Chives, Sweet Marjoram, Sage, Thyme, Mint—Plants, 2 for 25c. By mail, 2 for 30c. Postpaid. Tarragon—Strong plants, 25c each. By mail, 30c each, 3 for 80c. Postpaid.

Catnip—Strong plants, 25c each. By mail, 30c each. Postpaid.

KALE PLANTS—Jersey or Chicken—October to June. Dozen, 15c; 100, 85c; 1,000, \$6.00. By mail, dozen, 20c, 100 for 95c, 1,000 for \$6.25. Postpaid.

PEPPER—April to June. Hardy transplanted selected plants. Large Bell or Bullnose—Common sweet Bell. Chili—Short, thin, extremely hot. Price, dozen, 35c; 100 for \$2.25. By mail, dozen, 40c, 100 for \$2.40.

RHUBARB ROOTS—Ready for fall and spring. Strawberry—Very popular, small stemmed variety of extra fine flavor. 15c, 5 for 65c. By mail, 20c, 5 for 75c. Postpaid. Wagner's Giant—Largest sort grown; usually 2 to 3 feet in length. Every garden should have a few. Rhubarb clumps, 15c each, 5 for 65c. By mail, 20c each, 5 for 75c. Postpaid.

SWEET POTATOES—April to June. Dozen, 25c; 100, \$1.50. By mail, dozen, 30c; 100 for \$1.65. Postpaid.

TOMATO—April to June. Hardy transplanted, selected plants. Chalk's Early Jewel—Early; large. Stone—Popular, large, smooth; late. Price, 30c per 12; \$2.00 for 100. By mail, 35c dozen; \$2.10 per 100 plants. Postpaid. Special quotations to

FRUIT AND CITRUS TREES

Ready Now for Delivery in January
Order Now—Purchaser to Pay Transportation

Our BUDWOOD is all carefully selected from the strongest, most prolific trees in the best orchards of our State.

The selection of the budwood is important in perpetuating types that are shapely and uniform with the desired coloration, from trees that are regular and heavy producers. The trees we supply on your order will be not only clean, vigorous and true to name, but will be from the best yielding, most profitable types.

Fruit Trees should be planted from December to March. Order early and obtain desired selections.

FIVE FOR HALF THE PRICE OF TEN. You can order five of any variety of fruit trees from us at half the price of ten.

NO CHARGE FOR PACKING. We pack all trees with extra care and deliver to freight or express office without extra charge.

DELIVERY. Fruit trees will be sent after the first December rains. Where no instructions to the contrary accompany the order, we shall take the liberty of substituting varieties when varieties ordered have run out.

CAUTION. Be careful to unpack stock carefully. Plant at once or carefully cover roots with soil. Keep roots moist—never permit them to become dry.

BEFORE PLANTING prune off all broken and extra long roots.

ALMOND

4 TO 6 FEET—65c EACH—\$6.00 PER 10

IXL—Nuts large. Hulls easily. Shells soft, but perfect.
NE PLUS ULTRA—Nuts large and long, almost invariably of one kernel.
NONPAREIL—Heavy and regular bearer. Paper Shell type.

APPLE

4 to 6 FEET—65c EACH—\$6.00 PER 10

BALDWIN—(W)—Deep bright red over a yellow ground.
DELICIOUS—(W)—Large, dark red, long keeper.
ESOPUS SPITZENBERG—(W)—Large, light red.
GRAVENSTEIN—(S)—A large, striped apple. Very popular and satisfactory.
JONATHAN—(W)—Medium to large, red, rich flavor.
RED ASTRACHAN—(S)—Large, deep crimson.
WHITE WINTER PEARMAN—(W)—Large, pale yellow.
YELLOW BELLFLOWER—(W)—Pale lemon yellow.
YELLOW NEWTOWN PIPPIN—(W)—Large, yellow.

CRABAPPLE

4 to 6 FEET—65c EACH—\$6.00 PER 10

RED SIBERIAN—Yellow with scarlet cheek.
TRANSCENDANT—Large, red and yellow.

APRICOT

4 to 6 FEET—65c EACH—\$6.00 PER 10

BLLENHEIM—Orange with a deep yellow cheek. Very popular.
MOORPARK—Deep orange or brownish red. Juicy and large.
ROYAL—Yellow with an orange cheek. The "Valley" Cot.

CHERRY

4 to 6 FEET—80c EACH—\$7.00 PER 10

BING—Fruit large, dark brown or black.
BLACK TARTARIAN—Bright purplish black.
BURBANK—Deep crimson in color and matchless in quality.
EARLY RICHMOND—A red sour "pie cherry."
ROYAL ANN—Pale yellow with a bright red cheek.

FIG

4 to 6 FEET—65c EACH—\$6.00 PER 10

ADRIATIC—Fruit above medium size, skin white and thin.
CALIFORNIA BLACK—Fruit large, dark purple, almost black.
KADOTA—Medium size, thin, white skin and white pulp.

LEMON

Lifted With Balls of Soil

4 to 5 FEET—\$4.50 EACH—CHOICE STOCK

EUREKA—Favorite shipping commercial variety.
VILLA FRANCA—Oblong, thin rind, juicy, nearly seedless.

NECTARINE

4 to 6 FEET—75c EACH—\$6.50 PER 10

BOSTON—Large, deep yellow, with deep mottlings of red.
STANWICK—Very large. Pale skin. White flesh.

ORANGE

Lifted With Balls of Soil

STRONG TREES—4 to 5 FEET—\$4.50 EACH

"THE WASHINGTON NAVAL"—Rapid grower and an early and prolific cropper.

PEACH**4 TO 6 FEET—65c EACH—\$6.00 PER 10****Freestone Varieties**

EARLY CRAWFORD—Large, yellow Peach of good quality.
ELBERTA—Skin golden-yellow faintly striped with red.
FOSTER—Very large, yellow with red cheek; flesh yellow.
HALES EARLY—Skin greenish-white, red cheek.
MUIR—Fruit very large. One of the best canning peaches.
SALWAY—Large, deep yellow flesh.
STRAWBERRY—Skin marbled with deep red.

Clingstone Varieties**4 TO 6 FEET—65c EACH—\$6.00 PER 10**

PHILLIPS—Flesh clear, yellow to the pit.
TUSCAN—A good shipping and canning Peach.
WHITE HEATH CLING—Creamy white, with faint blush of red.

POMEGRANATE**SWEET FRUITED—4 to 4½ feet, 65c each.****STRAWBERRY GUAVA**

The Guava is an ornamental evergreen shrub, with a glossy foliage, and bears when only two feet in height. The fruit is of a fine claret color, and with a flavor resembling that of a strawberry. Makes an excellent jelly. Gallon cans, 2 to 3 feet, \$1.00 each.

POMELOS**STRONG TREES—4 to 5 FEET—\$4.50 EACH****Lifted With Ball of Soil**

MARSH SEEDLESS—Nearly seedless, very juicy, commonly known as Grape Fruit.

PEAR**4 to 6 FEET—65c EACH—\$6.00 PER 10**

BARTLETT—(S)—Large, clear lemon-yellow. The favorite pear.

SECKEL—(F)—Rather small, yellow with russet red cheek.

WINTER BARTLETT—Resembling the famous Bartlett, ripening four months later.

WINTER NELLIS—Yellowish green, dotted with russet. Fine flavor. November to January.

PLUM**4 TO 6 FEET—65c EACH—\$6.00 PER 10**

DAMSON—Dark purple, tart flavor; excellent for preserves.

GREEN GAGE—Round, greenish-yellow, with brown rots.

JEFFERSON—Yellow with a reddish cheek.

SANTA ROSA—Large, purplish-crimson, flesh yellow streaked with crimson.

SATSUMA—Red flesh. Popular as the "Blood Plum."

WICKSON—Yellow overlaid with carmine.

PRUNE**4 TO 6 FEET—65c EACH—\$6.00 PER 10**

FRENCH—Medium size egg-shaped, violet-purple. Very sweet flavor.

IMPERIAL EPINEUSE—Skin thin and a reddish purple when green.

SUGAR—An extremely early Prune. Very large.

QUINCE**4 TO 5 FEET—65c EACH—\$6.00 PER 10**

PINEAPPLE—Fruit very large. Makes a highly flavored jelly.

WALNUT

PAYNE'S SEEDLING—(Grafted)—This Walnut is one of the finest Walnuts of today. Begins to bear large, well-filled nuts the first year after planting. When three years old bears in abundance. Has soft shell, kernel very meaty and rich in flavor. Proven to be one of the best. 4 to 6 ft., \$2.50 each; \$20.00 per 10.

FRANQUETTE—(Grafted)—Nut very large and long. Kernel full-fleshed, sweet and rich. Trees 4 to 6 feet, \$1.75 each; \$15.00 per 10.

MAYETTE—(Grafted)—One of the best dessert nuts grown. Large, well-fleshed and sweet. Trees 4 to 6 feet, \$1.75 each; \$15.00 per 10.

Fruit Growers Attention**We Can Supply All Standard****California Fruits****Write for Prices on Lots of 50 or More****State Variety and Root Stocks Desired**

What Shall I Plant? Where Shall I Plant It?

Here is your answer from a few inches of Ground Cover growth to shrub and shade tree heights. Special location and special garden effects are outlined briefly.

LANDSCAPING

If you are planning a new home—changing or improving old grounds—we will be glad to have you call and discuss your problems. Our suggestions and estimates may help you.

GROUND COVERS

The many wonderful creeping plants referred to as "ground covers" should not be considered merely as substitutes for lawns, as they have a distinctive ornamental value and add charming touches of color, and beautiful garden effects used as borders, beds, planted in groups or en masse as ground covers. They are drouth and heat resistant, thriving under conditions that make a lawn impossible. The collection we offer is specially suited to central California.

LAWN SUBSTITUTES

LIPPIA REPENS—Small creeping plant, with pink daisy-like flowers, making a fine green sod, and useful for lawns. Does not require much watering. In flats, **\$1.50 per flat**, making several hundred rooted cuttings. These are planted 1 foot apart each way; keep well watered for a week or two; this method will soon cause it to cover the ground. Rooted plants, **\$10.00 per 1000**. Delivered.

MESEMBRYANTHEMUM (Ice Plant)—Fleshy-leaved trailing or half woody plants for covering banks, etc., and growing well in dry or sandy soils. Small lavender pink variety, **dozen, 35c; \$2.25 per 100**. Delivered. Large cerise pink variety, **dozen, 50c; \$3.50 per 100**. Delivered.

FRAGARIA INDICA (Trailing Strawberry)—Useful for covering banks, for window boxes, hanging baskets, etc. **10c each, 75c per 10, \$5.00 per 100**.

PERMANENT GROUND COVERS

25 Plants at 100 Plant Rate

VINCA MAJOR VARIEGATA (Periwinkle)—Foliage green and white, tinted gold; flowers large, bright blue. One of the best ground covers. Rooted plants, **\$5.00 per 100**.

VINCA MINOR—Same as preceding, but leaves smaller and dark green. **\$7.50 per 100**.

HEDERA HELIX (English Ivy)—Frequently used for ground covers under trees or in full sun, slow to be established but lasting for a long period with little or no care. Well-rooted plants, **\$10.00 per 100**.

HYPERICUM CALYGINUM—Low, bushy ground cover, very hardy, 12 to 15 inches high, stands drought, spreads faster if kept dwarf. Flowers bright golden yellow. Well-rooted plants, **\$10.00 per 100**.

Gazanias, Verbenas, Helianthemums, Nasturtiums, Cupid Sweet Peas are other subjects used for ground cover, but the plants noted above solve your problems permanently and require little attention after the first cost.

Garden Plants, Shrubs, Trees

The following varieties comprise a very fine list of the best forms of garden ornamentals. We feel that the arrangement of types according to their use and the height (that you can expect them to be in a few years) will be of help in the proper placing of plants in your own garden. Of course, long or short pruning, or allowing nature to take its course, will make a slight variation here and there; however, the arrangement is unique and should be of value to any garden maker.

Prostrate or Low Spreading Habit

Suitable for garden specimens, ground or bank covering, rockery use, etc.

COTONEASTER MICROPHYLLA — Prostrate growth, flowers white, foliage dark green, berries pink. Evergreen. 3 gallon cans, **\$1.75**. Balled, **1½-2 feet, \$1.00; potted, 35c to 75c**.

COTONEASTER MICROPHYLLA ADPRESSA — Almost flat growing, fine for rock planting. Balled, **\$2.00 to \$2.50**.

COTONEASTER HORIZONTALIS—Prostrate, foliage glossy green, not persistent, red berries, flowers pink. Balled, **2-3 feet, \$1.50; 1½-2 feet, \$1.00; potted, 35c to \$1.00**.

JUNIPERUS CHINENSIS PFITZERIANA—Spreading habit, silvery green foliage. Fine. Balled plants, **1½-2 feet, \$2.50; 2-2½ feet, \$3.50**.

JUNIPERUS CHINENSIS PROCUMBENS (Creeping Japanese Juniper)—Creeping habit, fine for rockery and border planting. Balled. **2-3 feet, \$3.00; 1½-2 feet, \$2.00**.

JUNIPERUS TAMARIXAEFOLIA — Blue green foliage, spreading habit; fine for rock work. Balled, **1½-2 feet, \$3.00; potted, \$1.00, \$2.00**.

Evergreen Shrubs—1 to 2 feet

- AZALEA HINODIGIRI** (Japanese Azalea)—Small shrub, glossy green foliage, brilliant red flowers in great profusion in spring. Balled plants. \$3.00, \$3.50 and \$5.00.
- AZALEA INDICA** (Indian Azalea)—Large flowering Azalea, pink, white and red cup-shaped flowers. Balled plants. \$3.50.
- ERICA MEDITERRANEA HYBRIDA**—A dwarf variety, growing about 18 in. high, flowers in October. 50c, 75c, \$1.00.
- DAPHNE ODORA**—Sweet scented, pink and white. Balled. \$3.50 to \$7.00 Small plants \$1.00 up.
- HYPERICUM MOSERIANUM**—Low growing, loves the shade, foliage light green, flower large, clear yellow. Pots, 25c; balled, 50c to 75c.

Evergreen Shrubs—2 to 3 feet

- AUCUBA JAPONICA AUREA** (Gold Dust Plant)—Foliage covered with yellow dots, large and glossy. 75c, \$1.00, \$2.00.
- BERBERIS DARWINI**—Foliage small, glossy green, red in fall; flowers yellow, berries blue. Balled plants, \$1.00 to \$2.00; potted plants, 35c to 75c.
- BOUVARDIA**—White, very sweet scented. In pots, \$1.25 and \$1.75.
- BUXUS SEMPERVIRENS**—Trained specimen. Boxwood for porch steps, hotel lobbies, etc. Balled, pyramid shape, 2-2½ ft., \$4.00; 2½-3 ft., \$6.00 Ball shape, 12-14 in. in diam., \$3.50; 14-16 in., \$5.00; 16-18 in., \$6.00. Bush form, 12-15 in., \$2.50.
- ERICA MEDITERRANEA**—Dark green foliage, flowers small, pink, March till June. 50c, 75c, \$1.00.
- ERICA REGERMINANS**—Purplish pink flowers, almost continuous bloomer. 75c, \$1.00, \$1.50.
- DIOSMA ERICOIDES** (Alba) Breath of Heaven—Small shrub, compact habit, foliage very small, like that of heather, fragrant. Flowers very small, but covering the bush entirely. Balled, bushy, 75c to \$1.00; potted, 50c, 75c.
- GENISTA RACEMOSA**—Medium sized shrub; free flowering, yellow, very fragrant; blooming almost the year around. Potted, 35c to \$1.25.
- EUONYMUS JAPONICUS**—Medium, upright, compact grower, foliage shining dark green. Balled, 75c to \$1.00.
- EUONYMUS** in variety priced 50c, 75c, \$1.00.
- PIMELIA DECUSSATA**—A small shrub, with beautiful rosy pink flowers. Pots, 50c up to \$1.50.
- POLYGALA DALMAISIANA**—Medium size, globular form, dense but slender branches, flowers magenta pink. Potted, 75c, \$1.00.
- VERONICA DECUSSATA**—Medium size, foliage bright green, flowers purple. Balled, 1-1½ ft., 75c; pots, 35c to 75c.
- VERONICA SPECIOSA IMPERIALIS** (Imperial Veronica)—Spreading habit, leaves dark green with purple margins, large, flowers red. Balled, 75c; pots, 35c, 50c, 75c.

Evergreen Shrubs—3 to 5 feet

- ABELIA GRANDIFLORA**—Glossy green foliage, evergreen shrub, flowering through the summer; flowers pink. Potted and balled plants, 2½-3 ft., \$1.50; 1½-2 ft., \$1.00. Potted, 50c and 75c.
- ACACIA ARMATA** (Kangaroo Thorn)—Thorny foliage, deep green and small; flowers light yellow. Potted plants. 3-4 ft., 75c; 2-3 ft., 50c.
- CAMELIA JAPONICA**—Dark glossy green foliage, waxy single and double flowers, white, pink and red, \$2.00 and \$3.00 and up.
- CHOYSIA TERNATA** (Mexican Orange)—Fragrant foliage and flowers, which are white. Balled plants, 1-1½ ft., \$1.25; 2 ft., \$1.50. Potted, 50c, 75c, \$1.00.
- CHORIZIMA ILICIFOLIUM** (Climbing Oak)—Small glossy oakleaf-like foliage, orange red flowers. Potted plants. 35c to 75c, according to size. Gallon cans, \$1.00.
- COPROSMA BAUERI** (Looking Glass Plant)—Glossy foliage. Balled, 1-1½ ft., 75c; 1½-2 ft., \$1.00; 2-3 ft., \$1.50; potted, 35c to 75c.
- CYTISSUS HISPANICA** (Spartium Junctum) (Spanish Broom)—Tall, strong grower, upright; flowers yellow, pea-shaped, in early spring before the leaves appear. Potted, 50c, 75c, \$1.00.
- CYTISSUS SCOPARIUS** (Scotch Broom)—Flowers yellow and brown. 50c, 75c, \$1.00.
- ERICA MELANTHERA**—A fine winter bloomer, November till March, flowers rosy, stamens tipped black. Balled, 2-2½ ft., \$1.50. 1½-2 ft., \$1.00; pots, 50c, 75c.
- ESCALLONIA RUBRA**—Slow, compact grower, large glossy foliage, flowers dark red. Balled, 1½-2 ft., \$1.00; pots, 35c and 50c.
- LEPTOSPERMUM NICHOLSII**—Purplish bronze foliage, flowers carmine. 75c, \$1.00, \$1.50.
- LEONOTUS LEONURUS** (Lion's Tail)—Flowers orange color. Pots, 35c to 75c.
- MAHONIA AQUIFOLIA** (Oregon Grape)—Large, glossy green foliage, turning brilliant red in fall; yellow flowers, purple berries. Balled, 3-4 ft., \$2.00; 1½-2 ft., \$1.00; potted, 50c, 75c.
- NANDINA DOMESTICA** (Japanese Nandina)—Like bamboo, red foliage in fall, berries scarlet red. Balled, 3-4 ft., \$2.50; 1½-2 ft., \$1.50; potted, 75c, \$1.00.
- PYRACANTHA CRENULATA** (Chinese Evergreen Thorn)—Spreading growth, glossy green, flowers white, berries bright red. Balled, 4-5 ft., \$2.50; 3 ft., bushy, \$2.00; 2-3 ft., \$1.50. Pots, 50c to 75c.
- PYRACANTHA AUGUSTIFOLIA** (Evergreen Thorn)—Foliage light green, flowers white in cluster, berries orange. Balled, 3-4 ft., \$1.50; 2-3 ft., \$1.00; pots, 50c to \$1.00.
- RHODODENDRON**—Pink Pearl, large beautiful pink flowers. Balled, \$4.00 to \$10.00.
- VIBURNUM TINUS** (Laurustinus)—Small, waxy, dark green leaves, flowers pink. 50c, 75c, \$1.00, \$2.00.

Evergreen Shrubs—5 to 7 feet

- ARBUTUS UNEDA** (Strawberry Tree)—Glossy green foliage, white flowers, strawberry-like fruit in winter. \$1.00 to \$2.50.
- BUDDLEYA MAGNIFICA** (Butterfly Bush)—Tall grower, flowers rosy purple. Long trusses in August. Cans, \$1.00; pots, 50c and 75c.
- CEANOTHUS THYRSIFLORUS**—(California Wild Lilac)—Tall shrub, glossy narrow foliage, pale blue flowers, early spring. Potted plants. 75c, \$1.00.
- CESTRUM FASCICULATUM**—Semi-climber, flowers deep red, in clusters. Potted. 75c, \$1.00.
- COTONEASTER FRANCHETTI**—Upright arching growth, flowers pink, berries orange red. Balled, 2½-3 ft., \$1.50; 1½-2 ft., \$1.00; potted, 35c to 75c.
- COTONEASTER PANNOSA**—Slender, graceful growth, upright, foliage gray green, flowers white, berries vermilion red. Balled and potted, 4-5 ft., \$2.00; 3-4 ft., \$1.50; 2-3 ft., \$1.00; potted plants, 2-3 ft., 75c.
- ESCALLONIA MONTEVIDENSIS**—Tall grower, glossy green foliage, flowers white in late fall and winter. Balled, 2-3 ft., \$1.50; potted, 35c, 50c and 75c.
- ESCALLONIA ROSEA**—Strong grower, upright, leaves rough, flowers pink on ends of branches. Balled, 3-4 ft., \$1.50; 2-3 ft., \$1.00; potted, 35c to 75c.
- EUGENIA MYRTIFOLIA**—Leaves glossy green, reddish tints on new growth; creamy white flowers followed by violet berries. Balled, 3½ ft., trimmed, \$3.50 each. Balled, 4 to 5 ft., trimmed, \$6.00 each.
- LIGUSTRUM AUREA** (Golden Privet)—Golden-margined variety. Very attractive as giving color to shrubby groups. 5 in. pots, 50c each; \$4.50 per 10. Balled, 2 ft., \$1.00 each; 2 to 3 ft., \$1.50 each; 3 to 4 ft., extra bushy, \$2.00 each.
- LIGUSTRUM JAPONICA** (Japanese Privet)—Tall grower; large, heavy, glossy green foliage. 75c, \$1.00, \$2.00.
- MELALEUCA NESOPHYLLA**—Tall, similar to *Laevigatum* in foliage, flowers rosy pink. Pots. 50c to 75c.
- OLEANDER**—Separate colors. \$1.00, \$1.50 and \$2.50.
- PHOTINIA ARBUTIFOLIA** (Toyon or Christmas-berry)—Dark green foliage, bright red berries. Potted, 50c, 75c, \$1.00 to \$2.50.
- PHOTINIA SERRULATA**—Large, round, dark green foliage, white flowers. Cans. 3-4 ft., \$3.00; pots, 75c to \$1.50.
- PITTOSPORUM CRASSIFOLIUM**—Large shrubs, foliage dark green above, silvery below, flowers red. Balled. 3-4 ft., \$1.50; pots, 50c to \$1.00.
- PRUNUS LAUROCERASUS** (English Laurel)—Large, heavy, glossy green foliage; flowers are white, fruit black. Balled, 2½-3 ft., \$2.50; 2-2½ ft., \$2.00; potted, 75c to \$1.50.
- PYRACANTHA CRENULATA YUNNANENSIS**—More vigorous, foliage larger and glossy, flowers white, berries bright red. Balled, 3-4 ft., \$1.50; 2-3 ft., \$1.00; pots, 35c to \$1.00.
- ROMNEYA COULTERII** (Matilija Poppy or Santa Barbara Tree Poppy)—Foliage silvery green, flowers large white, mass of yellow stamens, fragrant. Pots. \$1.00 to \$2.00.

CLIMBING PLANTS

- AMPELOPSIS QUINQUEFOLIA** (Virginia Creeper)—Strong climber, beautiful fall coloring. Does not adhere to buildings. Potted. 50c, 75c.
- AMPELOPSIS VEITCHI** (Boston Ivy)—The best Ivy to use for covering of walls, etc. Foliage bright green, turning red in fall, clings to walls. Not evergreen. Potted. 50c, 75c.
- BIGNONIA CHERERE** (Mexican Trumpet Vine)—Evergreen, dark green foliage, flowers long, blood-red, yellow at the base. Potted. 60c, 75c, \$1.00.
- CLEMATIS MONTANA**—Flowers small white, very fragrant. Potted. 75c.
- BOUGAINVILLEA BRAZILIENSIS**—Purple red flowers, strong climber. 4-in. pots, 75c; gal. cans, \$1.50.
- BOUGAINVILLEA CRIMSON LAKE**—Scarlet red flowers. \$1.50 to \$3.00.
- JASMINUM OFFICINALE** (Common Jasmine)—Partly evergreen, slender vine, small white, fragrant flowers in summer. Potted. 40c to \$1.00.
- JASMINUM PRIMULUM** (Double Yellow Jasmine)—One of the best climbers recently introduced. Evergreen, flowers large and yellow, mostly double. Potted. 40c, 75c, \$1.00.
- LANTANA** (or Climbing Verbena)—Orange-yellow, lavender or pink. Potted. 35c, 50c, 75c.
- LONICERA JAPONICA HALLEANA** (Japanese Evergreen Honeysuckle)—Rapid grower, dark green foliage, flowers white and yellow, very fragrant. Potted. 40c, 60c, 75c, \$1.00.
- MUHLENBECKIA COMPLEXA** (Wire Vine)—Very strong grower; dense, small foliage; flowers small white. Can even be used for a hedge. Potted. 35c, 50c, 75c.
- PASSIFLORA** (Passion Vine)—Evergreen vine, with light green foliage, flowers in brilliant pink or scarlet. Potted. 50c, 75c.
- PLUMBAGO CAPENSIS**—Light green foliage, flowers light blue, evergreen. Potted. 60c, 75c.
- WISTARIA CHINENSIS PINK**—Pink flowering Wistaria. Bare roots, \$3.00.
- WISTARIA** (Japanese)—Strong vine, white or purple flowers before the leaves appear. Potted. \$1.50 to \$2.50. Extra large, \$4.50 to \$7.50.

Deciduous Flowering Shrubs

Plant a few of these Old Fashioned Favorites among your evergreen shrubbery for seasonal change. You will be delighted.



CYDONIA JAPONICA (Japan Quince)—Flowers in early spring before the leaves appear, with scarlet and pink flowers. Bare roots, 1½-2 ft. 75c, seedling grown; 2-2½ ft. \$1.25. 1-1½ ft., \$1.25, cutting grown.

FORSYTHIA (Golden Eell)—Flowers in early spring, good sized, bell-shaped yellow flowers. Bare roots, 75c and \$1.00.

HYDRANGEA HORTENSIA—Large flowering hydrangea, trusses of pink and sometimes blue flowers. Balled. 75c and \$1.00.

KERRIA JAPONICA (Japanese Kerria) **FLORE PLENA**—The light green branches and foliage make a nice contrast with the orange yellow flowers in early spring. Bare roots, 2-3 ft., 75c.

LIPPIA CITRIODORA (Lemon Verbena)—Well known fragrant foliage plant, loved by our grandmothers. Balled, 2-3 ft., \$1.00; pots, 35c and 50c.

PHILADELPHUS (Mock Orange)—Single or double flowers, white, and some of them very fragrant. Bare roots, 75c and \$1.00.

RIBES SANGUINEUM (Flowering Currant)—Deep pink, fragrant, flowers in early spring. Bare roots, 3-4 ft., \$1.00; potted, 75c and \$1.00.

SPIREA PRUNIFOLIA (Bridal Wreath)—Flowers in early spring, before the leaves appear, with white, small, button-like flowers. Bare roots, 75c to \$1.00.

SPIREA VAN HOUTTE—A very graceful shrub, more or less pendulous, covered with a mass of flowers in early spring, white. Bare roots, 3-4 ft., \$1.00; potted, 75c and \$1.00.

SYRINGA (Common Lilac)—The old-fashioned purple or white Lilac. Bare roots, 75c.

SYRINGA GRAFTED VARIETIES—Improved kinds, but with larger and better colored flowers; single, double. Bare roots, \$1.25 to \$3.00 according to size and variety.

TAMARIX IN VARIETY—Tall-growing shrubs, long sprays of pink flowers. Bare roots, 4-5 ft., \$1.00; potted, 75c and \$1.00.

VIBURNUM (Snowball)—The old-fashioned white snowball, double. Bare roots, 2-3 ft., \$1.00.

WEIGELIA (Diervilla) **EVA RATHKE**—Very showy dark red flowers in early spring. Bare roots, 1½-2 ft., \$1.00.

WEIGELIA ROSEA—Pink flowering variety, early spring. Bare roots, 75c to \$1.25.

Deciduous Shade and Flowering Trees

ACER SACHARUM (Silver Maple)—Large, quick grower, silvery foliage. Bare roots, 6 ft., \$1.25.

BETULA ALBA (European White Birch)—Medium sized, white bark except when quite young. Bare roots, 8-10 ft., \$2.50; 6-8 ft., \$1.75.

CERASUS JAPONICA, Fl. Pl. (Double Flowering Japan Cherry)—Medium size, double flowering pink. Very ornamental. 4-5 ft., \$2.50 to \$3.50.

HAWTHORNS, English—Double scarlet, double pink and double white. Beautiful in early spring. Bare roots, 6-8 ft., \$1.50; 4-6 ft., \$1.25; specimens in cans, \$2.50 to \$3.50.

PLATANUS ORIENTALIS (European Sycamore)—A large tree with big foliage; a peculiar habit of shedding its bark gives the stem an odd appearance. Bare roots, 8-10 ft., \$2.00; 6-8 ft., \$1.50. Larger sizes quoted.

POPULUS CAROLINA (Carolina Poplar)—Rapid growing, foliage light green. Bare roots, 7-8 ft., \$1.00.

POPULUS NIGRA ITALICA (Lombardy Poplar)—Tall, narrow and upright growing tree, foliage small, glossy green. Bare roots, 10-12 ft., \$2.00; 6-7 ft., 85c; \$3.00 for 10.

PRUNUS PISSARDI (Purple Leaf Plum)—Single pink flowers. Bare roots, 5-6 ft., \$1.25; 4-5 ft., \$1.00.

PRUNUS PERSICA (Flowering Peach)—Pink, red or white flowers, double in early spring. Fruit not edible. Bare roots, 4-5 ft., \$1.25.

PYRUS BECHTELI (Bechtel's Double Flowering Crabapple)—Small tree, compact grower, rosy pink double flowers. Bare roots, 4-5 ft., \$1.50.

ROBINIA DECAISNEANA (Pink Flowering Locust)—Delicate pea-flower shaped flowers. Bare roots, 8 ft., \$1.50.

ROWAN TREE (European Mountain Ash)—White flowers, scarlet berries. Bare roots, 6-8 ft., \$1.50; specimens, \$1.00 to \$3.00.

SALIX BABYLONICA (Weeping Willow)—The most graceful and best weeping willow. Bare roots, 8-10 ft., \$2.00; specimens, 50c up.

SALIX CAPREA (French Pussy Willow)—Very much liked for its catkins in spring. Bare roots, 3-4 ft., 75c.

HEDGES OR LIVING FENCES

There is little question but that a hedge fence costs less than one built of materials. Consider the value, beauty and general attractiveness a permanent hedge fence gives to your home at a small first and last cost. Most of the hedge subjects require only enough water to start them properly. We will gladly advise you further if interested.

Evergreen Hedges 3 to 6 Feet, as Desired

CALIFORNIA PRIVET—The most popular hedge. Grows 3 to 6 feet high. Good bright green foliage that stands trimming and dry conditions well. Plant 12 to 18 inches apart. Bare, well-rooted plants. 4 to 4½ feet, 10 plants \$2.00, 100 for \$15.00; 3 to 4 feet, 10 plants \$1.25, 100 for \$10.00; 2 to 3 feet, 10 plants \$1.00, 100 plants \$7.50. All delivered free. 50 or more at 100 rate.

ENGLISH PRIVET—Larger, darker green leaves than California. Very vigorous. Same prices as California Privet.

PITTISPORUM—Variety: **Eugenoides**—large, yellowish green, crinkled leaves; **Nigricans**—small, dark green leaves, black stemmed. Both make ideal permanent hedges, planted 18 to 24 inches apart. Flat grown, 10 plants for \$1.50, 100 plants \$7.50. Delivered free.

Tall Hedges, Windbreaks or Screens

ACACIA FLORIBUNDA—Quick growing trees, tall, free flowering, very fragrant. Pots, 5-6 feet, 75c; 4-5 feet, 60c; 3-4 feet, 50c.

ACACIA LATIFOLIA—Quick growth, can be used for hedging, flowers bright yellow. Potted plants. 5-6 feet, \$1.00; 4-5 feet, 75c; 3-4 feet, 60c; 2-3 feet, 50c.

LEPTOSPERMUM LAEVIGATUM (Australian Tea)—Small, bluish foliage, flowers white. Fine hedge plant. Balled, 2-2½ feet, \$1.25; 1½-2 feet, \$1.00; pots, 25c to 75c.

MONTEREY CYPRESS—Strong growing hedge or windbreak. Flat grown, \$1.00 per dozen. \$3.50 to \$7.50, according to size. Delivered free.

MONTEREY PINE—Native species. Flat grown, \$1.00 per dozen, \$7.50 per 100. Delivered.

EUCALYPTUS—Common Blue Gum. Flat grown, \$1.00 per dozen, \$3.50 to \$5.00 per 100. Delivered.

Other Shrubs and Trees suitable for hedges upon application

Evergreen Trees of Medium Height

Suitable for shade and sidewalk planting.

ACACIA BAILEYANA—Grows fairly rapid, foliage fine bluish green, flowers in midwinter; very fragrant. 5-gal. cans, \$2.25; potted plants, 60c, 75c, \$1.00, \$1.50.

ACACIA MELANOXYLON (Black Acacia)—Specially adapted to sidewalk planting, foliage large, flowers light yellow. Potted plants, 6-8 ft., \$1.25; 5-6 ft., 75c; 4-5 ft., 60c; 3-4 ft., 50c.

CAMPHORA OFFICINALIS (Camphor Tree)—Leaves glossy light green, strongly scented with camphor, turning red in winter. 5-gal. cans, 6-7 ft., \$4.50; gal cans, 2-3 ft., \$1.00.

DRACAENA—Palms. Balled, specimens \$1.50 to \$15.00.

EUCALYPTUS FICIFOLIA (Scarlet Flowering Gum)—Leaves dark green, flowers mostly crimson, but sometimes pink or orange. Small trees. Potted, 75c to \$3.00.

PEPPER TREE—Beautiful finely cut foliage. Red berries in fall. Potted plants, 50c, 75c, \$1.00, \$1.50.

Large Evergreen Trees

Suitable as lawn or garden specimens. We can supply many other varieties not listed herein.

ACACIA MOLLISSIMA—Grows rapidly, foliage feathery, silver green, flowers bright yellow. Potted plants, 4-5 ft., 75c; 2-3 ft., 50c.

CEDRUS DEODORA (Himalayan Cedar)—A large growing, graceful tree, foliage bluish green. Balled plants, 2-3 ft., \$2.50; 3-4 ft., \$3.50; 4-5 ft., \$4.50 to \$5.00; 5-6 ft., \$5.00 to \$7.50, according to specimen.

CHAMAECYPARUS LAWSONIANA (Lawson Cypress)—Tall and slender, glaucous green. Boxed, 3-4 ft., \$3.00; 4-5 ft., \$4.00.

CHAMAECYPARUS LAWSONIANA ALUMEI—Blue green. Tubs, 3-4 ft., \$5.00; balled, 2½ ft., \$3.00.

CUPRESSUS SEMPERVIRENS FASTIGIATA (Italian Cypress)—Tall, slender, formal grower. Dark green foliage. Balled plants, 5-6 ft., \$3.00; 4-5 ft., \$2.50; pots, 35c to 75c.

SEQUOIA SEMPERVIRENS (California Redwood)—Well known and valued for its dark green foliage. Balled plants, 5-6 ft., \$4.00; 4-5 ft., \$3.00; 2-3 ft., \$1.00; 1½-2 ft., 75c.

TAXUS FASTIGIATA—Irish Yew, the well-known upright growing Yew. Specimens, \$2.00, \$3.00, \$5.00, \$7.50 up.

ANNUAL HARDY FLOWERING AND BEDDING PLANTS

We grow most of the popular annual flowering and ornamental plants from seed in boxes for our spring trade. Anyone can have a successful garden with the least amount of care at a saving of considerable time from these small plants, which are generally 4 to 6 inches high at time of sale—February to June.

Annuals comprise some of our most popular cutting and bedding flowers. All are very free flowering and satisfactory. Be sure to order from this list if you want quick returns.

The bedding plants offered below are all in flats and do not always contain the same number of plants. We sell the flats as they come from the nursery. Some contain 100 and some less. The price on all flats is the same—\$2.25 per flat.

AGERATUM—Light blue, fine border, February to June. 50c per dozen.

ASTERS—Mammoth mixed colors only, March to June. 50c per dozen.

CALENDULA—Orange King, all year. 35c per dozen.

CALLIOPSIS—Finest single mixed, February to June. 35c per dozen.

CENTAUREA—Bachelor Buttons, deep blue, February to June. 50c per dozen.

CENTAUREA—Sweet Sultans, double mixed, February to June. 50c per dozen.

COSMOS—Single Giants of California mixture, February to June. 50c per dozen.

GAILLARDIA—Single mixture, good for cutting, February to June. 50c per dozen.

GODETIA—Satin Flower, finest mixture, all colors, February to June. 50c per dozen.

LARKSPUR—Annual Double Emperor, mixed, February to June. 50c per dozen.

LOBELIA—Dwarf, bright blue, "Crystal Palace," February to June. 35c per dozen.

MARIGOLD—Dwarf, French mixture of double, February to June. 35c per dozen.

MARIGOLD—Tall Double French mixed, February to June. 35c per dozen.

MARIGOLD—Tall Double Giant African mixed, February to June. 35c per dozen.

MIGNONETTE—The sweet, old fashioned favorite, February to June. 35c per dozen.

PETUNIAS—Giant ruffled Single mixed, February to June. 75c per dozen.

SALPIGLOSSIS—Finest Emperor Single mixed, February to June. 50c per dozen.

SCABIOSAS—Pin Cushions, special mixed, February to June. 50c per dozen.

SNAPDRAGONS—Tall, large flowering mixed, February to August. 50c per dozen.

STOCKS—Summer or Ten Weeks, mixed only, February to June. 50c per dozen.

STOCKS—Winter or Nice, mixed only, all year. 50c per dozen.

ZINNIAS—Special Mammoth Mixed, March to June. 50c per dozen.

(All Postpaid)

EXHIBITION STRAIN GIANT PANSY PLANTS

Now Ready
for Delivery

Every conceivable Pansy color is found in this remarkable strain raised from the most expensive seed that be obtained. You will be pleased with the almost endless variety and the complete satisfaction our Giant Pansy plants give.

12 strong plants, 35c; 3 dozen for \$1.00; 100 plants for \$2.25. Postpaid.

BLOOMING GIANT PANSY PLANTS. During the months of February, March, April, May and June we carry large Pansy plants in bloom. These we offer in baskets of twelve plants for 50c or 65c postpaid, \$4.00 per 100 by express collect.

HOUSE PLANTS, FERNS AND HANGING BASKETS

ADIANTUM (Maiden Hair Fern)—75c, \$1.00 and \$1.50 each, according to size.

ASPARAGUS PLUMOSUS—20c, 50c and \$1.00 each, according to size.

ASPARAGUS SPRENGERII (for hanging baskets)—20c, 50c and \$1.00 each, according to size.

ASPIDISTRA LURIDA—The hardy house plant. \$2.50, \$3.50, \$4.00 and \$5.00 each, according to size.

ASPLENIUM FALCATUM (Holly Fern)—75c, \$1.00 and \$1.50 each, according to size.

NEPHROLEPSIS (Boston Fern)—This is the most popular fern for indoor culture. \$1.00, \$1.50, \$2.00, \$3.50 and \$4.50 each, according to size.

NEPHROLEPSIS WHITMANII (Ostrich Plume or Lace Fern) \$1.50 to \$2.50 each, according to size.

RUBBER PLANTS—\$2.00, \$2.50, \$3.50, according to size.

BIRDS' NEST FERNS—\$1.00, \$1.50, \$2.50, \$3.50, \$4.50, \$5.00 and \$6.00 each, according to size.

KENTIA PALMS—\$1.25, \$2.50, \$3.50, \$5.00, \$7.50 and \$10.00 each, according to size.

COLEUS—Beautiful colored foliage plants, 25c, 50c, 75c and \$1.00 each, according to size.

CYCLAMEN—Potted, in bloom, \$1.50, \$2.50, according to size.

BEGONIAS—Potted, in bloom, \$1.00, \$1.50 and \$2.50 each, according to size.

FRIMROSES—Potted, in bloom, \$1.00, \$1.50 and \$2.50 each, according to size.

HANGING BASKETS—\$1.50 and \$2.00 each, according to size.

WOODWARDIA FERNS—Very hardy for outside work, 50c and \$1.00 each.

FLOWERING PLANTS

ANNUAL AND PERENNIAL FLOWERING PLANTS for garden display, porch boxes or cut flowers for the home, are inexpensive, require little care and will add much to the beauty of your surroundings. We offer fine large plants that will flower freely and in every instance grown from the finest seeds or stocks obtainable.

PERENNIAL PLANTS

All Field Grown and Potted Plants are Blooming Size, Well Rooted

This group is exceedingly valuable and becoming more popular each season as our customers become acquainted with the fact that they are permanent, giving results year after year with very little attention.


Free delivery in San Francisco, Alameda Co., Marin Co., and San Mateo on reasonably sized orders on all items.

All field grown and flat grown plants post paid to the 4th zone. Potted plants should go forward by express, delivery charges collect.

When priced at 35c dozen—100 plants are \$2.25 Delivered.

When priced at 50c dozen—100 plants are \$3.50 Delivered.

When priced at 75c dozen—100 plants are \$5.00 Delivered.

 **50 plants at half the hundred rate.**

AGAPANTHUS (Blue African Lily)—Bright blue flowers on stalks three feet tall; does well in sun and semi-shade. Pots, 35c to 75c; \$4.00 to \$8.00 per dozen.

ANCHUSA (Dropmore Variety) — Stems quite tall, covered with bright blue flowers. Strong plants. \$1.50 per dozen.

ANEMONE JAPONICA (Japan Windflower) — Beautiful fall flowering plant, pink, red, white; requires semi-shady position. 25c; \$2.50 per dozen.

AQUILEGIA (Columbine)—Long-spurred flowers, in different colors. Field grown, \$1.50 per dozen.

AUBRETIA GRAECA—Blue, creeping, fine for rockwork. \$3.00 per flat of 5 dozen.

ARMERIA FORMOSA (Sea Pink)—Evergreen border, flowers pink. Flat grown, 35c per dozen.

ASTERS, HARDY (Michaelmas Daisies)—Extra strong plants, 25c; \$2.50 per dozen; well-rooted plants, 15c; \$1.50 per dozen.

CALCEOLARIA—Small brown flowers. 60c per dozen, \$2.00 per flat; 3 in. pots, 15c each, \$1.50 per dozen.

CALCEOLARIA—Yellow and large brown. 75c per dozen, \$2.50 per flat; 4 in. pots, 25c each, \$2.50 per dozen.

CAMPANULA MEDIA (Canterbury Bells)—Large, bell-shaped flowers, pink, blue, white, biennial. Field grown, \$1.25 per dozen; flat grown, 50c per dozen.

CAMPANULA MEDIA CALYCANTHEMA (Cup and Saucer Variety)—In blue, pink, white. Biennial. Field grown, \$1.25 per dozen. Flat grown, 50c per dozen.

CAMPANULA MURALIS—Dwarf edging plants, small blue flowers. Flat grown. 75c per dozen, \$3.00 per flat of 5 dozen.

CAMPANULA PYRAMIDALIS (Chimney Bell Flower)—Tall, flowers blue and white. Field grown, \$1.25 per dozen.

CAMPANULA ROTUNDIFOLIA (Bluebells of Scotland)—3 in. pots, \$1.50 per dozen.

CANNAS—Different colors. 25c each, \$2.50 per dozen.

CONVOLVULUS MAURETANICUS—Low growing, fine for dry banks or rockery, blue flowers, very free. 3 in. pots, \$2.50 per dozen; 2½ in. pots, \$1.50 per dozen.

COREOPSIS LANCEOLATA—Yellow flowers, very free. Field grown, \$1.25. Flat grown, 50c per dozen.

Hardy Chrysanthemums

Space does not permit us to extol their Fall garden cut flower value. Their variety is almost endless and our stock is from a reliable specialist. We have your favorite colors in all types.

EXHIBITION VARIETIES (Large Flowering)—Pot grown. 20c each, \$2.00 per dozen. 12 finest kinds, including Light Pink, Rose Pink, White, Red, Lavender, Yellow and Bronze shades only \$2.00. Labeled and postpaid.

JAPAN ANEMONE (Flowering)—Pot grown. 15c each, \$1.50 per dozen. 8 finest distinct shades Anemone Mums only \$1.00. Postpaid.

SINGLE FLOWERING—Pot grown. 15c each, \$1.50 per dozen. 12 best distinct shades Single Mums only \$1.50. Postpaid.

HARDY POMPON (Flowering)—Pot grown. 15c each, \$1.50 per dozen. 12 best distinct kinds Pompon Mums only \$1.50. Postpaid.

CORTADERIA (Pampas Grass)—Clumps. 75c to \$1.50.

DAHLIA IMPERIALIS (Mexican Tree Dahlia)—Tall-growing plant, dahlia-like flower in fall, rosy lilac. 75c to \$1.50.

DELPHINIUM (Perennial Larkspur)—A grand genus of hardy plants that are deservedly one of the most popular subjects of the garden. Of bold, attractive appearance, easy of cultivation and perfectly hardy, they may be considered the finest of all blue-flowered hardy plants. Larkspurs have been greatly developed the last few years, so that we now have a number of fine sorts much superior to the original species. They bloom all summer long if the stalks are cut down as soon as done flowering. Extra strong field grown. Price 25c each, \$2.50 per dozen.

- DIANTHUS PLUMARIUS** (Scotch Pinks) — Border plant, mixed colors, mostly pink. Flat grown. 50c per dozen.
- DIGITALIS** (Foxglove)—Field grown, \$1.25 per dozen; flat grown, 50c.
- DORONICUM EXCELSA**—Four-inch pots, 25c, \$2.50 per dozen.
- DYLETHRA SPECTABILIS** (Bleeding Heart)—Clumps, 75c each. Potted plants at \$1.00 and \$1.50.
- FUCHSIA**—In variety. Pots. 35c to 75c; \$4.00 to \$8.00 per dozen.
- GAILLARDIA GRANDIFLORA HYBR.**—Flowers scarlet and yellow. Field grown, \$1.25 per dozen; flat grown, 50c per dozen.
- GAILLARDIA PORTOLA**—Large flowers, edged golden yellow, crimson bronze center. \$2.50 per dozen.
- GAZANIA SPLENDENS**—Flowers yellow and orange, used for parkings and borders. Flat grown. 50c per dozen.
- GERANIUM**—Ivy leaf, 2½-inch, \$1.50 per dozen.
- GEUM, MRS. BRADSHAW**—Double scarlet orange flowers. Field grown, \$1.25; flat grown, 50c per dozen.
- GEUM, LADY STRATHEDEN**—Double yellow flowers, new variety. Field grown, \$1.25 per dozen; flat grown, 50c per dozen.
- HELIANTHEMUM** (Sunrose)—In variety, suitable for rockeries. 2½-inch pots 15c, \$1.50 per dozen; 4-inch pots 25c, \$2.50 per dozen.
- HELIOTROPE**—Blue and purple flowers, very fragrant. Pots, 35c to 50c. Flat grown, \$1.00 per dozen.
- HEUCHERIA SANGUINEA** (Coral Bells)—Border plant, coral red, small flowers. Field grown, \$1.50 per dozen; flat grown, 75c per dozen.
- HOLLYHOCKS**—In assorted colors, single and double. Field grown, \$1.50 per dozen.
- IRIS** (German)—In assorted colors, good kinds. 25c each, \$2.50 per dozen; mixed colors, \$1.50 per dozen.
- IRIS KAEMPFERI** (Japanese Iris) — Mixed colors, strong clumps, 35c each, \$3.50 per dozen.
- LAVENDER**—Sweet English lavender. 4-inch pots 25c, \$2.50 per dozen.
- LIPPIA REPENS** (Lippia Grass)—Used on terraces, etc., in place of grass for lawns. Flat grown, 35c per dozen; \$1.50 per flat; rooted plants, \$10.00 per 1000.
- LOTUS PELIORHYNCHUS**—Trailing plants with silvery foliage, crimson flowers; used for hanging baskets or window boxes. Pots. 25c and 35c each.
- MARGUERITE**—White, yellow, or Mrs. Sanders double white. 3-inch pots 15c, \$1.50 per dozen; 4-inch pots 25c, \$2.50 per dozen.
- MESEMBRYANTHEMUM** (Ice Plant)—Large and small flowering, pink and deep pink; used for banks and parking spaces. Flat grown. 50c per dozen.
- PAEONIES**—Good assortment in various colors. Clumps. 75c each.
- PENTSTEMON** — Large flowering, in mixed colors. Field grown, \$1.50 per dozen; flat grown, 50c per dozen.
- PHLOX—PERENNIAL.** 25c each, \$2.50 per doz. 6 colors.
- POPPY** (Iceland Poppy)—Yellow and orange shades. Flat grown. 50c per dozen.
- POPPY** (Oriental)—Bright red or pink, large flowering. 15c each, \$1.50 per dozen; 25c each, \$2.50 per dozen.
- PRIMULA VERIS**—Border plant, blooms in spring, mixed colors. Field grown, \$1.25 per dozen; flat grown, 50c per dozen.
- PRIMULA VULGARIS**—Yellow flowering. Field grown, \$1.25 per dozen; flat grown, 75c per dozen.
- PYRETHRUM HYBRIDA**—Daisy-like flowers; white, pink and red. Field grown, 15c each, \$1.50 per dozen. Strong plants, 25c each, \$2.50 per dozen.
- SALVIA LEUCANTHA** — Purple sage. 20c each, \$2.00 per dozen; 25c each, \$2.50 per dozen.
- SANTOLINA INCANA**—Silvery gray foliage, used for borders. Flat grown. 50c per dozen, \$2.00 per flat.
- SAXIFRAGA CRASSIFOLIA** — Low growing, large foliage, pink flowers in fall and winter. 3-inch pots 20c each, \$2.00 per dozen; 4-inch pots 25c each, \$2.50 per dozen.
- SCABIOSA CAUCASICA** (Blue Bonnet)—Large, pale blue flowers on long stems. Field grown. \$2.50 per dozen.
- SCABIOSA COLUMBARIA** — Mauve pink. Pots, \$2.50 per dozen.
- SHASTA DAISY** (Alaska)—Improved variety of the old white Daisy, very large flowers. Field grown, \$1.25 per dozen; flat grown, 50c per dozen.
- STRAWBERRY** (Evergreen)—The wild strawberry, used for terraces and lawns. Flat grown. \$2.00 per flat.
- STREPTOSOLON** (Yellow Heliotrope)—Conspicuous yellow orange flowers. Pots. 15c to 75c; \$1.50 to \$8.00 per dozen.
- SWEET WILLIAM** (Dianthus Barbatus)—Mixed and separate colors. Field grown, \$1.25 per dozen; flat grown, 50c per dozen.
- THALICTRUM** (Meadow Rue)—Very fine rosy purple flowers. Field grown. \$2.50 per dozen.
- TRITOMA** (Red Hot Poker)—Large foliage, spikes of heavy, orange yellow flowers. Clumps, 50c and 75c.
- VIOLETS**—Flat grown. 50c per dozen.
- WOODWARDIA FERNS**—Strong roots. 75c each, \$8.00 per dozen.
- SWORN FERNS**—Heavy. 75c each, \$8.00 doz.
- VALERIAN** (Centranthus Ruber) — Border plant, flowering with large corymbs of pink and white flowers. Flat grown. 50c per dozen.
- VIOLA** (Tufted Pansies)—Flat grown. 35c per dozen.


QUALITY FLOWER SEEDS

OUR FLOWER SEEDS are fully illustrated and described in our large "Illustrated Seed Album" sent FREE upon request.

Space does not permit of the descriptive details or growing information that we should like to give, but we will at all times be pleased to confer with you about your planting problems.

PRICES All Flower Seeds are packed fresh in hand filled packets at **10c Per Pkt.**

EXCEPT SPECIAL ITEMS PRICED IN LIST

 Trade packets and larger amounts will be quoted on request

Mark shown (S) for shady places

Mark shown (P.S.) for part shady places

EVERLASTING FLOWERS

Acroclinium
Gomphrena
Helichrysum
Honesty

Rhodanthe
Statice
Xeranthemum

CLIMBING VINES, ANNUAL

Balloon Vine
Scarlet Runner Bean
Canary Bird Vine
Cardinal Climber
Cypress Vine
Convolvulus, Morning Glory
Dolichos

Gourds, Ornamental
Humulus, or Japanese Hop
Ipomoea, all kinds
Momordica, Balsam Apple
Moonflower
Nasturtium, Tall
Sweet Peas

CLIMBING VINES, PERENNIAL

Ampelopsis, Boston Ivy
Australian Pea Vine
Cobea Scandens
Heliotrope

Kudzu Vine
Lathyrus Latifolius
Smilax

LOW EDGING PLANTS, ANNUAL

6 to 12 Inches High

Ageratum, Dwarf
Alyssum
Calliopsis Tiger Star
Candytuft, Dwarf
Celosia, Dwarf
Dianthus
Lobelia Compacta
Matricaria, Golden Ball

Mignonette (s)
Nemophila
Pansy (ps). **Pkt. 10c, 25c, 50c**
Portulaca
Silene
Sweet Peas, Cupid
Torenia. **Pkt. 15c**
Virginia Stocks

LOW EDGING PLANTS, PERENNIAL

6 to 12 Inches High

Agathea
Alyssum Saxatile
Anemone
Arabis
Aubretia. **Pkt. 15c**
Border Pinks. **Pkt. 10c, 35c**
Campanula Carpatuca
Centaurea, Dusty Miller
Cerastium. **Pkt. 15c**
Daisy, English

Dianthus Plumarius
Forget Me Not (s)
Diascia. **Pkt. 15c**
Freesia
Poppy, Iceland
Primula, Polyanthus (s)
Pyrethrum, Golden Feather
Ranunculus (ps)
Viola (ps)

BEDDING PLANTS, PERENNIAL

From 1 to 2 Feet High

Achillea
Argostemma
Begonia, Fibrous Rooted (ps)
Pkt. 25c
Begonia, Tuberous (ps)
Single, **Pkt. 35c**
Double, **Pkt. 50c**
Candytuft, Perennial
Carnation
Centaurea Montana
Cineraria (s). **Pkt. 35c**
Columbine (ps)
Coreopsis
Daisy, Shasta

Forget-Me-Not(s)
Gaillardia
Geum, Yellow, Red. **Pkt. 15c**
Heuchera Sanguinea. **Pkt. 25c**
Linum Perenne
Pentstemon
Platycodon
Potentilla
Pyrethrum Grandiflorum
Stocks, Perpetual
Sweet William
Verbena
Wallflower (ps)

ANNUAL BEDDING PLANTS

Or TALL BORDER PLANTS—1 to 2 Feet

Ageratum, Tall
Arctotis Grandis
Aster
Balsam
Bartonia Aurea
Brachycome
Browallia
Calendula
Candytuft
Centaurea
Chrysanthemum
Clarkia
Dianthus
Didiscus
Dimorphotheca
Eschscholtzia, or California
Poppy
Euphorbia Variegata
Four o'Clock
Gaillardia
Gilia

Godetia
Grasses, Ornamental
Gypsophila (for bouquets)
Hunemannia, or Bush
Eschscholtzia
Linum, Scarlet Flax
Lupins
Marigold, French
Matthiola
Mignonette
Nasturtiums, Dwarf
Nigella, or Love-in-a-Mist
Petunia. **Pkt. 10c, 25c, 50c**
Poppy
Phlox
Schizanthus. **Pkt. 10c, 25c**
Snapdragon, Dwarf
Statice
Stock, Ten Weeks
Zinnia



TALL GROWING PLANTS, PERENNIAL

For Grouping; from 2½ Feet Up

Abutilon. Pkt. 15c	Larkspur, Perennial (ps)
Anchusa. Pkt. 15c	Lavatera
Aster, Perennial	Lavender
Canna	Lobelia Cardinalis. Pkt. 25c
Canterbury Bell (ps)	Lupin
Castor Oil Bean	Oenothera
Dahlia. Pkt. 10c, 35c, \$1.00	Poppy, Oriental
Delphinium (ps)	Salvia Splendens
Pkt. 10c, 25c, 50c	Scabiosa Caucasica. Pkt. 15c
Digitalis (ps)	Sweet Rocket
Geranium	Thalictrum (ps). Pkt. 25c
Grasses, Ornamental	Valerian (s)
Heliopsis	Wallflower (ps)
Hibiscus	
Hollyhock	

Tall Growing Plants for Grouping, Annual

From 2½ Feet Up

Amaranthus	Honesty
Calliopsis	Kochia
Celosia, Tall	Marigold, Tall African
Cosmos	Larkspur, Annual
Euphorbia	Nicotiana
Helichrysum	Snapdragon, Giant
Poppy, Double	Sunflower
Rudbeckia	Tithonia
Salpiglossis	Zinnia, Giant
Scabiosa	

PLANTS FOR ROCKERIES

Abronia Umbellata	Iberis
Alyssum Saxatile	Kenilworth Ivy (s). Pkt. 15c
Arabis	Lobelia, Trailing
Aubretia. Pkt. 15c	Nasturtium
Cerastium. Pkt. 15c	Portulaca
Dianthus Caesius. Pkt. 15c	Saponaria Ocymoides
Diascia. Pkt. 15c	Statice Latifolia
Forget-Me-Not (s)	Thunbergia
Heuchera Sanguinea. Pkt. 25c	Verbena

Seed of Greenhouse Plants

All Varieties are Super-Select Strains from Specialists

Asparagus Fern. Pkt. 10c	Pkt. 35c
Auricula. Pkt. 25c	Coleus. Pkt. 35c
Begonia Tuberous, Single,	Cyclamen, Giant Flwg.
35c Pkt; Double 50c Pkt.	Pkt. 35c
Begonia, Fibrous Rooted	Gloxinia. Pkt. 50c
Pkt. 25c	Impatiens. Pkt. 15c
Browallia Major	Mimosa. Pkt. 10c
Calceolaria. Pkt. 50c	Nemesia. Pkt. 15c
Celosia Glasgow Prize	Physalis. Pkt. 15c
Pkt. 15c	Primula. Pkt. 25c
Celosia Pride of Castle Gould	Schizanthus. Pkt. 25c
Pkt. 35c	Solanum. Pkt. 10c
Cineraria, Giant Flwg.	Streptocarpus. Pkt. 50c

Wild Garden Mixture—This is a mixture of all the hardy flowers to sow broadcast in open places
Pkt., 10c.; 1 oz., 30c; ¼ lb., \$1.00; 1b., \$3.00

We carry many varieties of flower seeds not listed in this catalog. If there is anything you wish, send in your order. We will mail it to you.

Spencer or Orchid Flowered Sweet Peas

Work the soil at least 18 inches deep, 2 feet is better, with plenty of rotten stable manure. Cow manure is the best; use some lime and crushed bone. Tramp the soil down firmly; never plant in loose soil. Take the hose and water down to the base. Let stand a few days until moderately moist. NEVER PUT THE SEED IN TOO WET SOIL. Rake off the surface nice and smooth, make rows and drop seed not over two inches deep, and two inches apart. Rake off again. DO NOT WATER UNTIL ALL THE SEED IS UP, AT LEAST HALF AN INCH OUT OF THE SOIL. (Nine-tenths of the failures are caused by watering too soon). Thin out to at least six inches apart and train on wire netting or strings when plants are five or six inches high. Applications of liquid manure during flowering period will add to the length of stems and size of blossoms.

California Seed and Plant Company's Special Sweet Pea Collections

All Colors Separately Packeted and Enclosed in
Neat Gift Envelope

GIANT SPENCER OR ORCHID FLOWERING SWEET PEAS

The finest and largest type of Sweet Peas. The blossoms are wavy and stems very long. Four and sometimes five blossoms appear on the stem.

SPECIAL COLLECTION No. 1 Seven California Beauties 50c

Separate packets Giant Sweet Peas below at 10c; oz., 30c

ASTA OHN.....	Beautiful Lavender
COUNTESS.....	Exquisite Clear Pink
HELEN LEWIS.....	Fine Orange Salmon Pink
KING EDWARD.....	Brilliant Crimson Scarlet
KING WHITE.....	Giant Pure White
MRS. ROUTZAHN.....	Apricot and Pink
SENATOR.....	Chocolate Striped on Ivory

SPECIAL COLLECTION No. 2 Seven California Favorites 50c

Separate packets Giant Sweet Peas below at 10c; oz., 30c

MRS. TOM JONES.....	Bright Delphinium Blue
HAWLMARK PINK.....	Deep Pelargonium Pink
BLANCHE FERRY.....	Rosy Pink, White Wings
LAVENDER GEORGE HERBERT.....	Clear Light Lavender
ROSABELLE.....	Bright Rosy Carmine
TANGERINE.....	Brilliant Orange
ROYAL PURPLE.....	True Royal Purple

★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★


Special Offer \$1.00 Postpaid

Both of our Special Sweet Pea Collections containing, we believe, the best 14 distinct colors to be found in this most popular flower, together with One Packet of our Giant Ruffled Spencer Sweet Peas of your own selection among the new kinds listed below.

OUR SPECIAL PRICE IS \$1.00 POSTPAID

★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★

10 Other Fine Recent Introductions

 One Full Packet Each of Following 10 New Kinds
for 85c, Value \$1.05

	Pkt.	Oz.
PINKIE—Giant flowered old rose pink. Very fine.....	.10	.40
DEL MONTE—Rich new salmon cerise pink.....	.10	.30
YOUTH—White, with clear pink edge. Fragrant.....	.10	.30
MARY PICKFORD—Cream pink suffused salmon.....	.10	.30
MISS CALIFORNIA—Beautiful salmon cream pink..	.10	.30
CAMPFIRE—Very bright flame orange red.....	.10	.30
CRIMSON KING—New deep blood red.....	.10	.30
AUSTIN FREDERICK IMPROVED—Fine pure lavender10	.30
REFLECTION—Giant flowered new best clear blue..	.15	.60
HERO—New brilliant clear cerise. Fine.....	.10	.40

★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★

Giant Ruffled Spencer Sweet Pea Mixture

Composed of the very best standard and novelty Giant Sweet Peas properly blended to give the utmost satisfaction. Extra large packet, plant 50 feet, 25c.


Packet, 10c; ¼ lb., 75c; 1 lb., \$2.50

★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★

Special Early Flowering Long Season Spencer Sweet Peas


Four to Six Weeks Earlier Than Giant Spencers
Fine for Warm Climates and Greenhouse Culture

	Pkt.	Oz.
EARLY HARMONY—Giant pure lavender.....	.15	.60
EARLY SNOWSTORM—Finest pure white.....	.15	.60
EARLY TORCH—Lovely bright orange.....	.15	.60
EARLY ZVOLANCK'S ROSE—Best deep rose-pink.....	.15	.60
EARLY VULCAN—Bright vivid deep scarlet.....	.15	.60
SPECIAL EARLY FLOWERING LONG SEASON SPENCER MIXED10	.50

 All Sweet Peas Offered are POSTPAID Everywhere

BIRD SEED AND SUPPLIES

Clean, fresh seeds blended into a properly balanced ration are necessary to the health of your birds. Old, dead or damaged seeds do not have the food value and are often musty and unwholesome.

All prices F. O. B. San Francisco, subject to market changes
 We can supply on request prepared foods, tonics or seed in any desired combination or mixture to meet all feeding requirements

★★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★★★ Star MIXED Bird Seed

Made of the choicest re-cleaned seeds; is the result of careful study and experiments, and practical feeding tests have proven it to be the safest, most satisfactory food for protecting the health of your birds. There is no hemp in **Star Mixed Bird Seed**, as hemp is too fattening and if in the mixture the birds throw out the more valuable seeds hunting for the hemp. This should be fed only as a delicacy, placing it in the bottom of the cage.

Star Mixed Bird Seed is all food—contains no cuttle bone. This together with a little Bird Manna and Bird Gravel should be purchased separately. See list. 1 lb., 15c; 2 lbs., 25c; 5 lbs., 55c; 10 lbs., \$1.00. By mail add postage.


★★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★★★ Star Special Roller Mixture

Contains the very best imported Sweet German Rape and clean, plump canary seed. This mixture will keep the bird in song and in good health. 1 lb. pkg., 20c; 5 lbs., 85c. Postage extra.

★★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★★★ Aviary Mixture Bird Seed

Contains all essential bird seeds, including hemp. 2 lbs., 25c; 5 lbs., 50c; 10 lbs., 90c.

★★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★★★ Bird Seeds in Bulk

 Please Include Postage if Wanted by Parcel Post

CANARY—Straight re-cleaned. 15c lb.; 2 lbs., 25c; 5 lbs., 60c.
RAPE—Large Imported Essex. 15c lb.; 2 lbs., 25c; 5 lbs., 60c.
RAPE—New Sweet German, for rollers. 20c lb.; 2 lbs., 35c; 5 lbs., 80c.

RAPE—Domestic, small bird rape. 10c lb.; 3 lbs., 25c.
MILLET—Yellow Bird Millet. Finches, Love Birds, etc. 10c lb.; 3 lbs., 25c.

SUNFLOWER—Large seeded, for parrots. 15c lb.; 2 lbs., 25c; 10 lbs., \$1.00.

SPECIAL HEALTH AND SONG SEEDS—Containing maw, thistle, sweet rape, flax, teasle and other seeds so necessary for a change of diet or when making new feathers. (Special feeder cups at 5c each.) Liberal sized packets are 10c and 25c each.

Bird Foods and Supplies

Pkg. or
 Bottle

SPRATT'S SONG RESTORER—Keeps canaries in full song. Good in cases of Asthma and Diarrhea. It never fails\$.25

SPRATT'S SING SONG—Can be fed all the year for best condition and full song. A treat..... .15

BIRD NESTING—Essential at breeding time..... .10

BIRD TONIC—Call for this when the bird has a cold. It is a preventative as well as a relief for all diseases..... .25

CANARY COLOR FOOD—Will bring out that bright yellow in both young and old..... .25

MOULTING FOOD—A tonic food for feeding during the moulting period..... .25

HEALTH FOOD—Should be fed at commencement of breeding. A fine builder..... .25

FEATHER RESTORER—For bald-headed birds..... .25

SURE EGG MAKER—Makes the hen birds lay..... .35

NESTLING FOOD WITH COD LIVER OIL—A bone and body builder. Essential to young birds..... .15 and .25

MOCKING BIRD FOOD—For soft bill birds..... .35

PARROT FOOD—A balanced ration for parrots..... .25

PARROT TONIC—A preventative as well as cure for all diseases..... .25

SORE AND SCALY LEG OIL—Valuable for treating stings, insect bites, etc..... .25

MITE POWDER IN BELLOWS—Useful for dusting the cage as well as the bird. Dust under the wings and the bird will spread the powder over itself..... .30

CAGE WASH—A good spray for killing all mites and mite eggs in cages..... .25

JAPANESE SUN DRIED PEPPER PODS—Beneficial during cool weather..... .10

MAW OR POPPY SEED—For mixing with regular seed about twice a week..... .25

CUTTLEBONE—Small, 3 for 10c, postpaid; large, 5c each.

CUTTLEBONE HOLDER—10c, postpaid.

BATHHOUSE—Glass enclosed, 90c.

BATH DISH—Opal, large size, 20c.

BIRD CUPS—Tulip shape (open at top), opal, 15c; closed, opal, 20c; tulip shape (open at top), crystal, 15c; closed, crystal, 20c.

FOOD HOLDER or TREAT CUP—1½ in. long, 10c.

SWINGS—10c.

WIRE NEST—15c.

CANARY LEG BANDS—Numbered, aluminum, doz. 25c.

BIRD GRAVEL—Washed clean, 10c.

HOW TO MAKE GOOD LAWNS

A well kept lawn adds so much to the appearance and value of your home grounds that special attention should be given to the quality and kind of seed plus a thorough preparation of the soil. If the soil is adobe or clayey, sharp river sand or better, a bale of our Granulated Peat Moss to a space of 20 x 20 worked into the upper 4 inches of soil. This material has the effect of keeping the soil from running together, permitting the proper grass root development (over a period of years) and the retaining of moisture due to its porous nature. It is also a boon for the extreme sandy conditions that is so general in San Francisco and Alameda. Being lighter than sand, it stays at the surface where the roots are and does not disappear like barnyard manure. Our Special Granulated Peat Moss is \$5.50 per bale, delivered, in bay district.

SOW ANY MONTH. September to May is the best time to sow a new lawn; however, with a little care in watering every month will give good results.

How to Make a New Lawn

Always recall that all soil grows and contains many weeds before it is touched by you. Hoe the surface clear of weeds and roots. Spade your soil carefully, commencing at one end with a trench the depth of your spade. As you progress, take the surface crust off the ground being spaded and bury at the base of the trench. In this manner you kill many (nearly all) of the obnoxious weeds. Break up the surface clods, raking, leveling and grading the lawn carefully. The next step is seed. You must use plenty for the best results. We recommend one pound of seed to 10 by 15 or 150 square feet. Scatter the seed as your eye directs, saving a little out to finish the misses and edges. Rake the seed in lightly, or if a clover lawn, do not rake, but chop it with the rake. After this is done, use the back of your spade or a long heavy board to firm the surface well. Then keep the surface well moistened morning and evening, if necessary, until all the seed is up, which may be three or four weeks.

HOW TO IMPROVE AN OLD LAWN. With a sharp tooth rake break into surface and pull through the old sod severely. One pound of seed mixed with a pailful of soil and scattered evenly over 10 x 25, or 250 square feet. Take a broom and sweep the seed into the crevices made by the rake in the old sod, firming well with back of spade. In a few weeks your lawn will be greatly improved.

SPECIAL CAUTION! Never use stable manure for dressing a lawn, it brings WEEDS and TROUBLE. A good dressing of our LAWN MORCROP is much more efficient and ECONOMIC, sustaining the growth and beautiful deep green color you have always admired.

Highest Quality Lawn Seeds

On Large Orders Write for Special Prices

(All prices on lawn seed are postpaid within the 4th zone)

AUSTRALIAN RYE GRASS—A very vigorous, quick-growing lawn grass, but a little coarse. Very satisfactory for lawns in San Francisco. Best grass for sandy soils. 1 lb., 30c; 10 lbs., \$2.50.

PACIFIC RYE GRASS (Genuine Pacey's Rye Grass)—This grass is similar to the Australian Rye Grass, but has a finer leaf and is longer lived. Per lb., 35c; 10 lbs., \$3.00.

CHEWING FESCUE—Forms a close, lasting turf, succeeding well even under poor conditions. It is used extensively in lawn and putting green mixtures. Per lb., 60c.

CREEPING BENT—Being of fine texture, this grass is excellent for lawns and putting greens; makes a low, velvety growth. Per lb., \$2.50. Covers approximately 20 x 20 or 400 square feet.

KENTUCKY BLUE GRASS—Fancy; extra clean. The most popular grass for lawns. It is a dark green and of dense growing habit, making a beautiful turf in a heavy or black soil. Per lb., 60c; 10 lbs., \$5.00.

RED TOP GRASS—Gives a quick effect and succeeds on all soils, though doing best on moist soils. Should be in all lawn mixtures. Per lb., 50c; 10 lbs., \$4.50.

WHITE CLOVER—Of dwarf habit with creeping stems, rooting at joints, on which account it makes an excellent turf that stands constant tramping. Planted for a lawn either alone or in mixture with grass seed. Per lb., 75c; 10 lbs., \$6.50.

GOLDEN GATE LAWN MIXTURE—This mixture of hardy grasses contains a little white clover and forms a thick, strong turf that will stand hard usage. Per lb., 40c; 10 lbs., \$3.75.

SHADY NOOK MIXTURE—This mixture contains grasses for making good lawns in shady places and under trees. Lb., \$1.00.

Our Special Velvet Green Lawn Mixture

We Recommend This Lawn Grass Above All Others
Grows Under All Conditions Everywhere

Composed of the very finest lawn grasses we can obtain, properly balanced by us to make the most durable, smooth, velvety, deep green lawn possible. A sprinkle of white Dutch clover is in this superb mixture to keep the grasses fed with nitrogen and to have the lawn looking bright and green in the summer and dry periods. This is the lawn for everyone everywhere. One pound covers 10 x 15 or 150 square feet well. Always use plenty of seed for the best lawns.

Price 60c Per Pound; 5 Pounds for \$2.75; 10 Pounds for \$5.50—Postpaid

HIGH GRADE FERTILIZERS

Free Delivery in San Francisco, San Mateo, Marin
and Alameda Counties

(If small quantities are wanted by parcel post, add postage)



Our Velvet Green Lawn Mixture produces a thick,
velvety turf quickly

★★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★★★

SPECIAL RED ROOSTER PROCESSED CHICKEN FERTILIZER—We particularly recommend this fine plant food for all gardening purposes. It is the ONLY NATURAL animal plant food that we know to be absolutely FREE of WEED SEED. It contains a liberal amount of the necessary HUMUS together with a perfectly balanced ration of ALL the essential plant food elements. All new lawns should be covered with one-quarter of an inch of moistened (not dry) Red Rooster Plant Food. This top dressing acts as a seed starter and insures a successful even growth of grass. A 100-pound sack will dress approximately a 20 x 20 square. 100-lb. sack, \$2.25; 5 sacks, \$10.00; 10 sacks, \$19.50. Delivered in San Francisco, Marin Co., Alameda Co. and San Mateo Co. Also sold in 5-lb. pkg., 25c; 10 lbs., 45c; 25 lbs., 75c; 50 lbs., \$1.25. F. O. B. San Francisco.

★★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★★★

PURE GROUND BLOOD AND BONE MEAL—Fine pulverized; excellent for rose-culture. It decomposes very rapidly and is more quickly effective than the coarser grades. It is excellent for mixing with the soil for potting. Use 1 teacupful for a rose bush or apply at the rate of 5 lbs. per 100 square feet. 3 lbs., 25c; 10 lbs., 75c; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.

BONE MEAL—Finely ground; an excellent fertilizer for all garden purposes. Should be forked into the ground in the Fall if possible. 5 lbs., 35c; 10 lbs., 60c; 25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

BLOOD MEAL—A very quick acting fertilizer and also extensively used for spraying on trees to keep off deer. 2 lbs. for 25c; 10 lbs., 90c; 25 lbs., \$1.85; 50 lbs., \$3.50; 100 lbs., \$6.50.

HUMUS OR CALIFORNIA PEAT—Good for mixing with soils. Sack, \$1.25; 5 sacks, \$5.50; 10 sacks, \$10.00.

LIME, "Agricultural"—An organic shell flour for lightening and sweetening soils. Apply at the rate of 100 lbs. per 500 square feet. In 100 lb. sacks only, \$1.50.

OUR SPECIAL GRANULATED GENUINE GERMAN PEAT MOSS—For building up soils. 1 lb., 15c; 10 lbs., \$1.00; 25 lbs., \$1.75; compressed bale 18 x 28 x 36 in., \$5.50. Delivered in bay district. One bale will cover 240 square feet, 1 inch thick.

PULVERIZED SHEEP MANURE, "GROZ-IT" BRAND—5-lb. pkg., 25c; 10-lb. pkg., 45c; 25-lb. sack, 75c; 50-lb. sack, \$1.25; 100-lb. sack, \$2.25; 5 sacks, \$10; 10 sacks, \$17.50. Delivered in San Francisco.

STIM-U-PLANT — A concentrated fertilizer in tablet form. Guaranteed analysis of 11% nitrogen, 12% phosphoric acid and 15% potash. Full directions with each package. 30 tablets, 25c; 100 tablets, 75c; 1000 tablets, \$3.50 (postpaid).

TOBACCO BASE FERTILIZER "F & I"—A fertilizer and insecticide which has a nicotine content of 1.00% and contains nitrogen, phosphoric acid, ammonia and potash. It is applied both by working into the soil or as a top dressing. 100 lb. sack, \$4.25.

VITAMITE—This wonderful bacteria is applicable to all plant life directly without the use of legumes. Broadcast 1 pound to 500 square feet and rake under. 1 lb., 60c; 5 lbs., \$2.75 (postpaid).

NITRATE OF SODA—Chiefly a stimulant. 10c per lb.; 10 lbs.,

VEGETABLE SEEDS

We issue a wonderful "Illustrated Seed Album" (mailed free upon request) fully describing in detail the standard commercial and home garden. **VEGETABLE SEEDS, FARM SEEDS and FLOWER SEEDS.**

We are prepared to supply dependable seeds of high germination of the most desirable varieties.

We specialize in supplying growers and market gardeners with select strains of the best commercial varieties, but whether you are a big grower or just buy a few seeds for your home garden, your order will have our most careful attention, and we are always pleased to confer with you about your plantings.

VEGETABLE SEEDS 5c and 10c Per Pkt.

Beans, Corn, Peas, Celery, Cauliflower, Chervil, Parsley, Peppers, and Tomatoes are 10c Per Packet
All the Rest Are Only 5c Per Packet

Here is a condensed list of the choicest vegetable seeds, all of the highest quality. No better seed can be bought anywhere:
 All Seeds Postpaid to your Address



Beans, Improved Golden Wax
 Beans, Kentucky Wonder
 Beans, stringless Green Pod
 Beans, Scarlet Runner
 Beets, Early Blood Turnip
 Swiss Chard, Giant Lucullus
 Brussels Sprouts
 Cabbage, Flat Dutch
 Cabbage, Early Jersey
 Wakefield

Cabbage, Red Rock
 Cabbage, Drumhead Savoy
 Carrots, French Forcing
 Carrots, Oxheart
 Carrots, Long Orange
 Carrots, Danvers Half Long
 Cauliflower, Snowball
 Celery, White Plume
 Celery, Golden Self Blanching
 Celeriac
 Cucumbers, Long Green
 Cucumbers, Lemon
 Cucumbers, White Spine
 Corn, Alameda Sugar
 Corn, Golden Bantam
 Corn, Stowell's Evergreen
 Corn Salad, Large Leaved

If there is any vegetable you want, not in this list, send for it. We can supply any variety.

The cultural directions for vegetables are printed on all packets.

Write for Special Prices on Large Orders

SPECIAL QUOTATIONS ON LARGE ORDERS. Any dealer, market gardener, institution or individual wishing seed in large quantities, is requested to mail us a list of what is wanted, and we will promptly return it with the very lowest market prices. A letter of inquiry may save you dollars if you want to buy in quantity. If in need of something pertaining to agriculture not herein listed, write us before ordering elsewhere.

Chervil
 Chicory, Long Rooted
 Cress or Pepper Grass
 Dandelion
 Kale, Tall Scotch
 Kale, Dwarf German
 Kale, Jersey (for chickens)
 Kohl Rabi, White Vienna
 Leek, American Flag
 Lettuce, Los Angeles
 Lettuce, Big Boston
 Lettuce, Prizehead
 Lettuce, Romaine or Cos
 Muskmelon, Rocky Ford
 Persian Melon
 Golden Beauty Cassaba
 Watermelon, Black Seeded
 Chilean
 Watermelon, Kleckley's Sweet
 Mustard, Giant Southern
 Curled
 Okra, White Velvet
 Onion, Australian Brown
 Onion, Danvers Yellow Globe
 Onion, White Portugal
 Onion, Red Wethersfield
 Onion, Bunching
 Parsley, Moss Curled
 Parsnip, Hollow Crown
 Peas, American Wonder
 (dwarf)
 Peas, Stratagem (medium)
 Peas, Laxtonian (medium)
 Peas, Telephone (tall)
 Pepper, Bell
 Pepper, Pimiento
 Pumpkin, Large Cheese
 Radish, Early Scarlet Turnip
 Radish, Rosy Gem
 Radish, Half Long
 Radish, Long Scarlet
 Radish, California White
 Radish, Black Spanish
 Salsify, Mammoth Sandwich
 Island
 Spinach, Prickly
 Spinach, Long Standing
 Squash, Early White Burt
 Scalloped
 Squash, Summer Crookneck
 Squash, Hubbard
 Squash, Italian Vegetable
 Marrow
 Tomato, Stone
 Tomato, San Jose Canner
 Tomato, Chalks Early Jewel
 Turnip, Early White Flat
 Turnip, Yellow Rutabaga
 Turnip, Purple Top White
 Globe

STAR SPECIALS

for Modern Gardens are Postpaid

Quick "Special Collection" sales reduce their cost to the buyer as well as ourselves. Every "Star Special" is an utmost planting value and highly recommended by us.

***** STAR SPECIAL *****

50 Feet of Giant Sweet Peas for 50c

7 Finest Distinct Colors, Separately Packeted, Value 70c

***** STAR SPECIAL *****

The World's Largest and Finest Pansies 50c

Steele's Special 400 Strain of the New Oregon Mastadon type are without a doubt the finest hardy strain of Pansies ever sold to the public. Every outstanding color has been carefully blended by this noted Oregon Pansy Specialist and their immense size, vigorous growth, strong germination, and marvelous colorings will amaze you. **Packet of 300 seeds for 50c.**

***** STAR SPECIAL *****

25 Different Kinds Gladiolus for \$1.25

A \$2.50 value. One of each of 25 distinct varieties of the most popular summer-blooming cutflower Gladiolus, unlabeled. We only offer the newest modern kinds and believe this is the best Glad offer ever made. **Double Collection for \$2.25.**

***** STAR SPECIAL *****

Giant Flowering Dahlia Bargain

One of the largest growers of the newest Giant California Dahlias is disposing of their prize-winning stock and we are giving an extraordinary value. We offer 6 distinct Giant kinds for \$2.50; 12 for \$4.50; 25 for \$7.50; 100 for \$27.50.

Of course, the selection must be left to us. All properly labeled and values up to \$1.00 each.

***** STAR SPECIAL *****

12 Pompons or Baby Dahlias \$2.50

12 distinct pretty Baby Dahlias, fine for borders or cutting. Everyone can use them in their garden plans this year. Values up to 75c included, all properly labeled and postpaid, for only \$2.50.

***** STAR SPECIAL *****

Outstanding Rose Offer for \$2.90

Our "Front Cover Offer" of the 6 most satisfactory roses sold is a winner and will make many friends for us, especially among "Beginners," and the "Regulars," too. We feel every garden should have this set because they always bloom under all conditions everywhere. **The set of 6 for \$2.90. Postpaid.**

***** STAR SPECIAL *****

50c—Popular Flower Seed Collections—50c

All Specially Packed with Planting Instructions—75c Values

6 separate colors of Mammoth Crego Asters for.....	50c
6 separate colors of Giant Pansies for.....	50c
6 separate colors of Mammoth Zinnias for.....	50c
6 different kinds of Fall Blooming Flowers.....	50c
6 different kinds of Old Fashioned Flowers.....	50c

***** STAR SPECIAL *****

CANARIES AND OTHER BIRDS

We specialize in fine SINGING CANARIES and invite out-of-town orders. We guarantee safe arrival by express everywhere.



All MALE CANARIES are sold GUARANTEED TO SING. This insures you satisfaction.

Domestic birds are unusually healthy and certainly more vigorous when properly raised than imported stock.

DOMESTIC SINGING CANARIES—Selected, cage-broken, healthy. Guaranteed to sing. Males. We have hundreds of fine birds to select from. Mention color when ordering. Special, \$5.00 each. A few extraordinary songsters at \$7.50 and \$10.00 each.

DOMESTIC CANARY FEMALES—For breeding. \$1.00 each; \$10.00 per dozen.

DOMESTIC TRAINED ROLLER MALES—Extra selected birds at \$10.00, \$12.50, \$15.00 each.

DOMESTIC ROLLER FEMALES—Guaranteed pure line strain. Special \$3.95 each.

IMPORTED ST. ANDREASBERG ROLLER MALES—\$12.50 each.

IMPORTED ST. ANDREASBERG FEMALES (for breeding)—\$5.00 each.

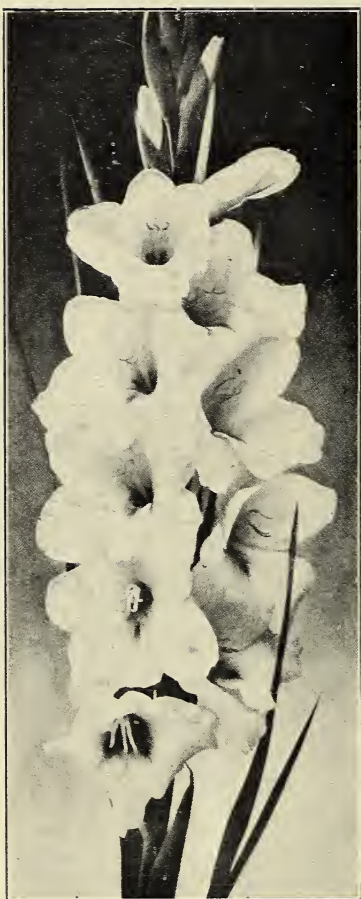
LOVE BIRDS—\$7.50 per pair.

BRAZILIAN CARDINALS (males)—\$8.50 each.

Other Birds, Prices on Application

Giant Ruffled Summer Blooming GLADIOLUS

"King of Summer Flowers"



The culture of the Gladiolus is one of the easiest. Set bulbs 3 inches deep and 7 or 8 inches apart in any good garden soil, but for the finest results use manure and plenty of water. After the flowers are past, dig the bulbs up and dry them under cover in the open air for a month and then store in dry soil till next winter, when they may be reset.

★★★★★★★★★★★★

STAR SPECIAL

★★★★★★★★★★★★

A WONDERFUL

STAR SPECIAL

50 FIRST SIZE BULBS

Giant Ruffled

GLADIOLUS

Mixed by us from
15 fine named kinds

Regular \$3.00 Value for

1.95 POSTPAID
EVERYWHERE

25 Bulbs \$1.00

Value \$1.50

100 Bulbs \$3.75

Value \$6.00

300 Bulbs \$10.00

Value \$18.00

★★★★★★★★★★★★

STAR SPECIAL

★★★★★★★★★★★★

Beautiful New and Choice Varieties

Six of a kind at the dozen rate; 50 at the hundred rate.

	Each	Per 12	Per 100
Crimson Glow—Giant glowing deep crimson.....	\$0.07	\$0.75	\$5.00
E. J. Shaylor—Clear deep rose pink.....	.10	1.00	7.00
Halley—Lovely salmon pink.....	.07	.75	5.00
Herada—Attractive pure mauve blue.....	.08	.85	6.00
Le Marechal Foch—Soft light clear pink.....	.07	.75	5.00
War—Giant ruffled blood red.....	.10	1.00	7.00
Remembrance—Ruffled geranium pink.....	.15	1.50	10.00
Virginia—Bright glowing scarlet.....	.07	.75	5.00
Gretchan Zang—Shell pink and scarlet.....	.08	.85	6.00
Prince of Wales—Pinkish orange, coral.....	.10	1.00	7.00
Mrs. F. Pendleton—Rose pink, red throat.....	.07	.75	5.00
Golden Measure—Giant deep golden yellow.....	.15	1.50	10.00
Los Angeles—Marvelous bright shrimp pink.....	.10	1.00	7.50
Jewell—Pink salmon, golden yellow throat.....	.15	1.50	10.00
1910 Rose—"American Beauty" deep pink.....	.08	.85	6.00
Nora—Beautiful light violet blue.....	.10	1.00	7.50
Alice Tiplady—Bright orange saffron.....	.10	1.00	7.00
Early Sunrise—Red, yellow salmon throat.....	.10	1.00	7.00
Rose Ash—Famous Ashes of Roses, Old rose.....	.10	1.00	7.00
Anna Eberius—Dark velvety purple.....	.15	1.50	10.00
Diener's American Beauty—Carmine rose.....	.20	2.00	14.00
Giant Nymph—Light rose, yellow throat.....	.15	1.50	10.00
Gold Drop—New bright golden yellow.....	.15	1.50	10.00
Chateau Thierry—Bright scarlet, cream center.....	.10	1.00	7.50
Maiden's Blush—Soft pink, light throat.....	.10	1.00	7.50
Peace—Pure white, lilac marking in throat.....	.10	1.00	7.50

★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★

1 Bulb Each of the Above 26 Named Kinds
Properly Labeled for Only \$2.50. Value \$2.79

★★★★★★★★★★★★ STAR SPECIAL ★★★★★★★★★★★★